TENNESSEE

AGRICULTURE

1988

ABOUT THE COVER

The pictures on the cover were chosen in recognition of the banner year enjoyed by cotton producers in 1987 and the sales leadership position maintained by cattle producers.

Artwork: State Media Production Services

Photos: (cotton) State Media Production Services
(cattle) University of Tennessee Agricultural Extension Service

TENNESSEE AGRICULTURAL STATISTICS

1988

Prepared By
TENNESSEE AGRICULTURAL STATISTICS SERVICE
POST OFFICE BOX 41505
NASHVILLE, TENNESSEE 37204

RON BRANTNER, STATE STATISTICIAN
BUD GUINN, DEPUTY STATE STATISTICIAN

STAFF

CROPS

JIM HEEP
STEVE PETERSON
DOT ROADEN

DATA COLLECTION

AL MIDGETT
DAVID LUCKENBACH
LARUE MAXWELL
SANDRA McPHERSON

LIVESTOCK

RAY GARIBAY
NANCY JONES
BEVERLY HARRIS

DATA PROCESSING

CHUCK MAJORS
KEVIN BATTS
DOT LEE
VANDOLYN SMITH
SALLY THOMPSON

ADMINISTRATIVE

JOHN GIBSON
PAT ROBINSON
BILL SMITH
ZARRY ELLIS

Issued Cooperatively By

UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

CHARLES CAUDILL, ADMINISTRATOR

TENNESSEE
DEPARTMENT OF AGRICULTURE

A. C. CLARK, COMMISSIONER

MESSAGE FROM THE GOVERNOR

Greetings:

I come from a rural background and realize the virtues and values a rural lifestyle can provide.

Tennessee has an agricultural heritage that began with our ancestors clearing land with backbreaking labor. Today we have modern innovations and machinery, but our agribusinessmen still share the heritage of hard work and a love for the land handed down by their forefathers for generations.

Agriculture has always played an important role in our state economy. Farming and agri-industries are still among the largest and most important business enterprises in Tennessee, accounting for nearly $2 billion annually in cash receipts and jobs for 20 percent of our workers.

We enjoy a bounty of produce and products grown in our state. I pick Tennessee products myself, and urge everyone to do the same. Our farmers and farm families give us fruits, vegetables and meat for our tables. We should salute our agricultural community and be thankful for the products they provide.

I hope every Tennessean will join me in recognizing the vitality and spirit of our farm community.

Sincerely

Ned McWherter

Ned McWherter

MESSAGE FROM THE COMMISSIONER OF AGRICULTURE AND STATE STATISTICIAN

The Tennessee Department of Agriculture and National Agricultural Statistics Service joined forces many years ago to make sure Tennessee farmers have sufficient statistical information to use for planning. It makes good financial and practical sense for the state to team up with the federal government to provide services to those in agriculture.

The weather in 1987 was more favorable for crop and livestock production than in 1986, but still presented many farmers with stiff challenges to manage scarce water resources with care.

This report is tangible evidence of the cooperative and voluntary efforts of a host of farmers, businessmen, educators, researchers, and others who assisted in its compilation. In addition to the numbers, graphs and summaries covering a wide spectrum of production agriculture, descriptions of some of the regulatory and administrative work of TDA are presented.

It is a pleasure to provide this report to the public and we hope it proves useful. As we continue to monitor and plan the future course of agriculture in Tennessee, we sincerely seek your comments and suggestions.

A. C. CLARK
Commissioner of Agriculture

RON BRANTNER
State Statistician

Table of Contents

Message from the Governor 2
Message from the Commissioner and State Statistician 3

STATE SUMMARY

Tennessee Agriculture 6
Number of Farms 8
Land in Farms 8
Farm Gross Income 9
Farm Production Expenses 9
Cash Receipts From Farm Marketings 10
Cash Income From Farming 11
Government Payments 11
Farm Real Estate Debt 12
Farm Nonreal Estate Debt 12
Farm Balance Sheet 12
Farm Real Estate, Value, Rent 13
Farm Real Estate Taxes 13
Index Number of Prices Received 14
State Ranking of Field Crops 15
State Ranking of Livestock 17

CROPS

Summary 19
County Rankings 22
Record Highs and Lows 24
Soybeans 25
Soybeans by County 26
Tobacco 30
Tobacco Farm Marketings 31
Tobacco by Type 33
Tobacco by County 34
Wheat 38
Wheat by County 40
Corn 44
Corn by County 46
Cotton 50
Cotton Lint 51
Cottonseed 51
Cotton Farm Marketings 51
Cotton by County 52
Sorghum 55
Sorghum by County 56
Hay 58
Hay Stocks 59
Grain Stocks 60
Irish Potatoes 62
Sweet Potatoes 62
Tomatoes, Fresh Market 63
Snap Beans, Processing 63
Apples 64
Peaches 64
Floriculture 65
Pasture Condition 66

LIVESTOCK, DAIRY AND POULTRY

Summary 67
Number of Farms by Specie 68
Livestock Inventory by Class 68
Cattle and Calves 69
Cattle and Calves by County 72
Beef Cows by County 74
Hogs and Pigs 75
Hogs and Pigs by County 76
Sheep and Lambs 79
Wool 80
Auction Prices
Feeder Cattle 81
Utility Cows 85
Feeder Pigs 85
Sows, Barrows and Gilts 86
Meat Production
Number of Slaughter Establishments 87
Red Meat Production 87
Livestock Slaughter 88
Milk Cows, Production and Disposition 89
Milk Fat Test and Prices Received 91
Grain and Other Concentrates Fed 92
Milk Cows by County 93
Manufactured Dairy Products 94
Chickens and Egg Production 95
Broilers 97

WEATHER

Summary 100
Probability of Last Spring Freeze 102
Probability of First Fall Freeze 103

INTERNATIONAL TRADE

Summary 104
Agricultural Exports 105
Value of U.S. Foreign Trade and Trade Balance 105

OTHER STATISTICS

Crops—Usual Planting and Harvesting Dates 107
Tillage Practices 108
Prices Paid for Selected Feeds 110
Prices Paid for Fertilizer, Pesticides, ESC Region 111
Cotton Production Costs Per Acre 112
Corn Production Costs Per Acre 112
Soybeans Production Costs Per Acre 113
Wheat Production Costs Per Acre 113
Row Spacing of Soybeans 114
Fertilizer Usage, Soybeans and Cotton 114
Fertilizer Consumption 115
Map of Counties, Districts ..... Inside Back Cover

TENNESSEE DEPARTMENT OF AGRICULTURE

Administration 117
Tennessee Agriculture 118
Agricultural Resources 120
Commodity Distribution 121
Animal Industries 122
Marketing 124
Plant Industries 126
Quality and Standards 128
Report Order Form 131

Tennessee Agriculture

Agriculture in Tennessee has undergone numerous changes since the early pioneer days, but its importance has remained constant. This fact is highlighted by the official logo of the Tennessee Department of Agriculture, "Agriculture Number One in Tennessee". The agricultural industry provides a way of making a living for some, a way of life for others, and a source of security for all Tennesseans.

This annual report presents up-to-date statistical information that describes Tennessee agriculture with words, numbers, and graphs. The facts contained in this publication are for those interested in past and present accomplishments, but more importantly for those who need them as a basis for deciding future courses of action.

Production agriculture, farm-supply and processing/distribution activities comprise the complex agribusiness system of modern agriculture. Farming and forestry dominate Tennessee's landscape. About 21.5 million acres, 80 percent of the land area, is devoted to the production of crops, livestock, timber, and other agricultural products.

As the foundation of the industry, farm production occurs on approximately 96,000 farms in Tennessee. The average farm size is 135 acres with only 20 percent of the farms being larger than 180 acres. Slightly over 1 percent of the farms in Tennessee are 1,000 acres or larger. Assets of more than $15 billion are invested in land, machinery, livestock, buildings, and other production items on Tennessee's farms.

Tennessee's terrain ranges from the rugged mountains of East Tennessee to the rolling hills of Middle to the lush flatlands of West Tennessee. As the topography of the land is varied, so are the major emphases on agricultural production diversified according to these grand divisions. Though most agricultural enterprises can be found throughout the state, the concentration of a particular facet of agricultural production varies by location.

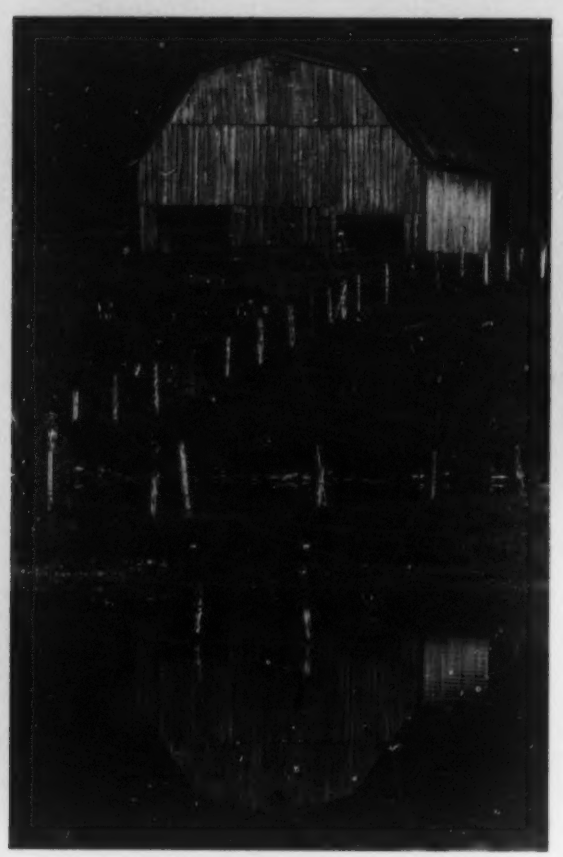
East Tennessee has a greater number of dairy farms than either Middle or West Tennessee. A large percentage of East Tennessee farmers also produce beef cattle. Tobacco, one of the state's leading cash crop, is most prominent in the eastern extreme of the state. Limited row crops are cultivated in this area.

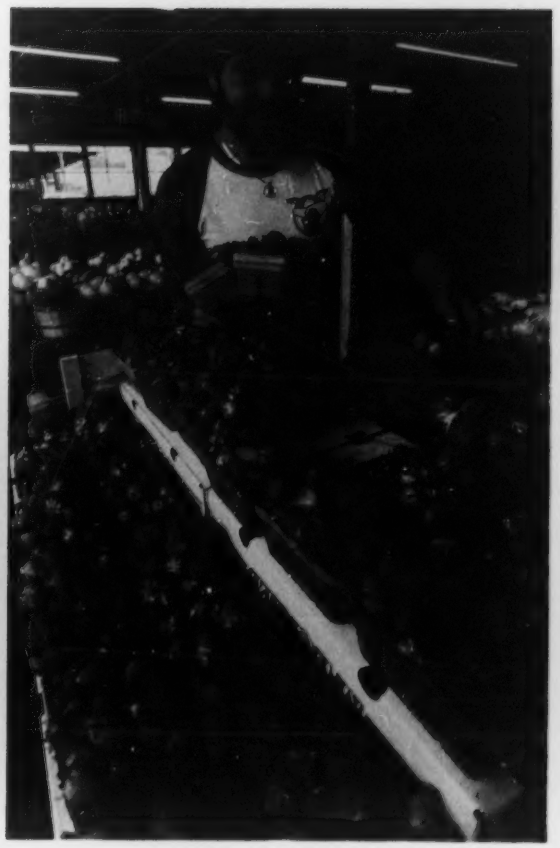
Middle Tennessee is noted for its concentration of livestock. Beef cattle, feeder calves and feeder pigs are found in large numbers throughout the region alongside dairy farms and row crop operations. The rolling hills and abundant pastures make livestock production a logical specialty for this part of the state.

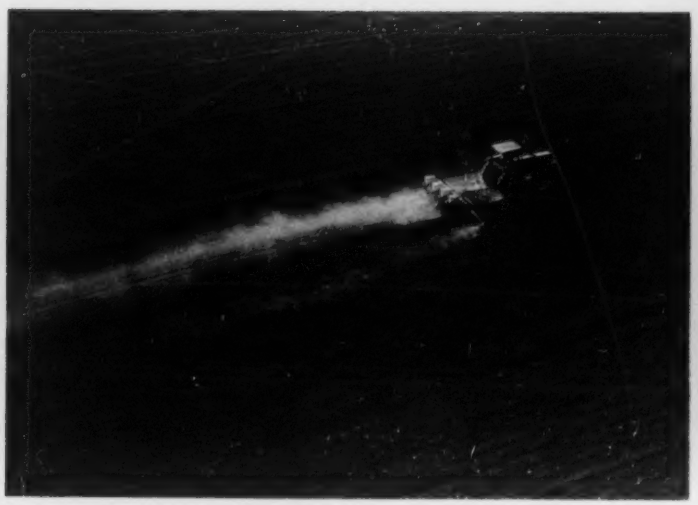
Most of Tennessee's largest row cropping operations are concentrated in West Tennessee. The great expanse of flatlands makes row cropping the area of greatest appeal and economic feasibility for agriculturalists. Topography dictates that conservation practices play a vital role in all agricultural efforts in this area.

Tennessee's diversified agricultural industry is enhanced by the wide variety of growing conditions, found throughout the three distinct regions. It is this broad range of assets, along with the cohesive efforts of all segments of the industry, that make agriculture in Tennessee the important economic force that it is.

#1 Agriculture
TENNESSEE DEPARTMENT OF AGRICULTURE







Tennessee Farm Land

The number of farms in Tennessee has remained fairly stable for the past ten years despite the financial stress experienced by the farming community. Tennessee farm numbers peaked in 1935 at 274,000, hit bottom in 1981 through 1983 at 95,000 and averaged 96,000 during 1987.

Less than half of Tennessee's 26.3 million acres is agricultural land used for crops or grazing. During 1987, the estimated acreage of land in farms was 12.6 million, down 3 percent from 1986 and 4 percent below the 5 year average. Tennessee land in farms peaked in 1950 at 19.1 million acres when farm size averaged 79 acres. The average size farm in 1987 was 131 acres.

A farm is defined as a place that sells, or could sell $1,000 or more of agricultural products during a given year. This definition is intended to serve as a dividing line between agriculture and the commercial or non-ag sector. By this definition, almost one-third of the State's farms had a gross value of sales of less than $2,500 in 1982 (most current Census year). About 72 percent of the farms grossed less than $10,000 per farm, and, as a group, contributed about 13 percent of the total cash receipts.

NUMBER OF FARMS: Selected States, 1981-87[1]

STATE	1981	1982	1983	1984	1985	1986	1987[2]
				NUMBER			
Alabama	57,000	55,000	54,000	54,000	54,000	51,000	49,000
Florida	40,000	40,000	40,000	40,000	39,000	39,000	39,000
Georgia	60,000	57,000	55,000	51,000	50,000	49,000	48,000
Kentucky	103,000	103,000	103,000	101,000	100,000	99,000	99,000
Mississippi	56,000	53,000	51,000	50,000	48,000	46,000	45,000
North Carolina	90,000	86,000	83,000	79,000	76,000	73,000	72,000
South Carolina	33,000	31,000	29,000	28,000	27,500	27,000	26,000
Tennessee	**95,000**	**95,000**	**95,000**	**97,000**	**98,000**	**96,000**	**96,000**
United States	2,433,920	2,400,550	2,370,200	2,328,400	2,274,730	2,211,920	2,173,410

[1]A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year.
[2]Preliminary.

LAND IN FARMS: Selected States, 1981-87[1]

STATE	1981	1982	1983	1984	1985	1986	1987[2]	Average Size of Farms
				1,000 Acres				Acres
Alabama	11,900	11,800	11,600	11,500	11,500	11,000	11,000	224
Florida	13,200	13,100	13,000	13,000	13,000	13,000	13,000	333
Georgia	14,500	14,000	13,700	13,500	13,500	13,300	13,000	271
Kentucky	14,600	14,500	14,500	14,500	14,500	14,500	14,500	146
Mississippi	14,600	14,500	14,300	14,200	14,100	14,000	13,800	307
North Carolina	11,400	11,100	11,000	11,000	10,800	10,800	10,800	150
South Carolina	6,300	6,000	5,800	5,600	5,500	5,400	5,200	200
Tennessee	**13,500**	**13,400**	**13,400**	**13,400**	**13,400**	**13,000**	**12,600**	**131**
United States	1,034,190	1,027,795	1,024,195	1,109,378	1,014,383	1,007,643	1,002,463	461

[1]A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year.
[2]Preliminary.

FARM GROSS INCOME, EXPENSES, AND NET INCOME: TENNESSEE, 1981-86

Item	1981	1982	1983	1984	1985	1986
			Million Dollars			
Agricultural Cash Receipts	1,933.0	1,949.2	1,803.4	2,109.9	2,091.4	1,924.1
Government Payments	20.7	28.1	65.8	76.6	61.7	98.4
Non-Cash Income[1]	501.9	509.5	489.6	509.2	462.0	448.7
Other Farm Income[2]	58.9	57.6	78.2	85.4	83.7	87.0
Net Inventory Adjustment[3]	124.0	98.2	(122.8)	97.0	(47.0)	(171.5)
Gross Farm Income[4]	2,638.5	2,642.6	2,314.2	2,878.1	2,651.9	2,386.8
Production Expenses[4]	2,124.8	2,176.1	2,178.5	2,261.6	2,107.4	1,935.4
Net Farm Income	513.7	466.5	135.7	616.5	544.5	451.4

[1]Includes the rental value of housing provided by farm dwellings and the value of farm products consumed directly in farm households.
[2]Includes cash income from machine hire, custom work, recreational, other farm-related income and forest product sales.
[3]The estimated physical change in livestock and crops owned by farmers, valued at average prices prevailing during the year.
[4]Includes operator households.
Source: Economic Indicators of the Farm Sector, State Financial Summary, 1986, USDA, Economic Research Service, February 1988.

FARM PRODUCTION EXPENSES: TENNESSEE, 1981-86[1]

Item	1981	1982	1983	1984	1985	1986
			Million Dollars			
Feed	253.9	228.4	273.6	251.8	234.1	200.7
Livestock	51.9	64.0	70.7	97.6	111.7	128.5
Seed	45.3	40.5	38.2	44.0	42.7	38.1
Fertilizer & Lime	174.4	136.4	132.7	128.5	131.5	102.5
Pesticides	57.4	57.8	56.1	64.4	65.1	58.5
Fuel & Oil	117.9	107.4	102.1	97.2	89.6	65.2
Electricity	16.3	19.1	20.0	20.2	20.1	19.8
Repair & Maintenance	193.1	162.1	166.0	172.4	180.3	186.4
Other Operations[2]	131.2	180.9	202.3	225.0	209.1	192.5
Interest—Real Estate	148.8	171.5	177.1	175.8	137.4	127.0
—Nonreal Estate	197.6	209.1	183.1	171.3	119.6	108.7
Labor Expenses[3]	107.8	124.3	119.8	119.3	120.4	121.4
Net Rent to Landlords[4]	46.2	78.4	51.3	101.3	85.5	55.1
Capital Consumption[5]	533.7	549.9	533.4	545.1	509.8	480.2
Business Taxes	49.3	46.3	52.0	47.6	50.5	50.9
Total Production Expenses	2,124.8	2,176.1	2,178.5	2,261.6	2,107.4	1,935.4

[1]Includes operator households.
[2]Includes machine hire and custom work expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.
[3]Includes contract labor expenses, hired labor wages, perquisites and Social Security payments.
[4]Uses different data sources for years prior to 1984. Estimates are not directly compatible among periods.
[5]Includes depreciation, wear and tear, obsolescence and accidental damage of capital stock.
Source: Economic Indicators of the Farm Sector, State Financial Summary, 1986, USDA, Economic Research Service, February 1988.

CASH RECEIPTS FROM FARM MARKETINGS: BY COMMODITIES, TENNESSEE 1981-86

Commodity	Cash Receipts						Percent of Total	Percent of 1985
	1981	1982[1]	1983[1]	1984[1]	1985[1]	1986[2]		
	1,000 Dollars							
Crops	1,080,564	1,051,045	896,913	1,056,226	1,091,279	890,728	46.3	82
Soybeans	368,227	296,674	277,529	265,366	263,051	185,073	9.6	70
Tobacco	252,458	280,366	236,727	253,069	221,630	150,163	7.8	68
Cotton, Lint	68,421	108,938	59,669	77,376	113,235	115,021	6.0	102
Cottonseed	9,242	7,591	8,066	11,805	8,296	10,668	0.6	129
Corn	53,429	54,522	35,593	76,770	126,713	83,459	4.3	66
Wheat	113,463	87,947	64,164	61,319	25,341	20,684	1.1	82
Grain Sorghum	2,419	3,818	5,583	21,459	42,627	19,527	1.0	46
Hay	7,738	8,488	8,610	11,631	13,730	11,727	0.6	85
Tomatoes, Fresh Market	12,126	12,428	8,400	19,320	23,940	21,000	1.1	88
Potatoes	2,372	1,896	1,284	2,200	2,508	2,508	0.1	100
Snap Beans, Processing	5,717	3,645	1,784	2,313	2,284	1,508	0.1	66
Sweet Potatoes	2,251	1,007	1,151	1,003	958	1,118	0.1	117
Apples	1,188	691	1,144	1,845	1,358	1,571	0.1	116
Peaches	1,684	204	792	1,890	0	888	[3]	
Other Fruits & Vegetables	14,580	19,648	21,656	37,237	31,010	35,749	1.9	115
Greenhouse & Nursery	142,000	142,000	145,000	193,772	195,124	205,969	10.7	106
All Other Crops	23,249	21,182	19,761	17,851	19,474	24,095	1.3	124
Livestock and Products	852,482	898,177	906,468	1,053,683	1,000,088	1,033,378	53.7	103
Cattle and Calves	252,423	281,581	355,095	477,099	425,838	427,902	22.2	100
Dairy Products	308,530	304,620	295,267	275,856	281,851	274,596	14.3	97
Hogs	152,981	178,948	125,602	147,137	158,461	169,417	8.8	107
Broilers	66,199	65,948	67,159	87,149	79,931	109,148	5.7	137
Eggs	50,697	46,051	40,329	43,428	35,721	33,758	1.8	95
Honey	4,726	[4]	[4]	[4]	[4]	887	[3]	
Sheep and Lambs	294	275	256	221	217	222	[3]	102
Wool	42	20	22	30	30	38	[3]	127
All Other Livestock	16,590	20,734	22,738	22,763	18,039	17,410	0.9	97
All Commodities	1,933,046	1,949,222	1,803,381	2,109,909	2,091,367	1,924,106	100.0	92

[1]Revised
[2]Preliminary
[3]Less than 0.1 percent
[4]Not available

CASH INCOME FROM FARMING: TENNESSEE, 1981-86[1]

Item	1981	1982	1983	1984	1985	1986
			Million Dollars			
Cash Income	2,012.6	2,034.9	1,947.4	2,271.9	2,236.9	2,109.6
Farm Marketings	1,933.0	1,949.2	1,803.4	2,109.9	2,091.4	1,924.1
Crops	1,080.6	1,051.0	896.9	1,056.2	1,091.3	890.7
Livestock and Products	852.5	898.2	906.5	1,053.7	1,000.1	1,033.4
Government Payments	20.7	28.1	65.8	76.6	61.7	98.4
Other Farm Cash Income[2]	58.9	57.6	78.2	85.4	83.7	87.0
Cash Expenses	1,518.9	1,532.6	1,545.6	1,614.0	1,487.5	1,367.1
Interest	321.4	350.5	328.3	313.6	222.8	225.8
Labor[3]	101.3	114.4	110.2	109.2	110.6	113.2
Net rent to landlords[4]	46.2	78.4	51.3	101.3	85.5	55.1
Property taxes	42.1	36.7	41.0	37.2	38.9	38.9
All other production inputs	1,007.8	952.5	1,014.8	1,052.7	1,029.7	934.1
Net Cash Income	493.8	502.3	401.8	657.9	749.4	742.4

[1]Excludes operator households and non-farm income.
[2]Machine hire, custom work, recreational, other farm-related income, and forest product sales.
[3]Includes contract labor expenses, hired labor wages, and Social Security payments.
[4]Uses different data sources for periods before 1979, 1979-83, and 1984 and later. Estimates are not directly compatible among periods.
SOURCE: Economic Indicators of the Farm Sector, State Financial Summary, 1986, USDA, Economic Research Service, February 1988.

GOVERNMENT PAYMENTS: BY PROGRAM, TENNESSEE, 1981-86

Item	1981	1982	1983	1984	1985	1986
			1,000 Dollars			
Conservation[1]	4,243	4,364	5,163	4,450	4,400	3,450
Feed Grain Program	1,945	2,909	4,584	1,155	6,316	23,279
Wheat Program	4,196	3,811	5,634	9,747	9,354	16,188
Cotton Program	2,753	16,032	14,530	8,288	30,265	34,112
Wool Act Program	13	14	20	33	38	52
Rice	0	0	13	10	38	40
Miscellaneous Programs[2]	7,524	948	35,869	52,878	11,328	21,310
Total	20,674	28,078	65,813	76,561	61,739	98,431

[1]Includes amount paid under agriculture and conservation programs (Agriculture Conservation and Emergency Conservation).
[2]Includes the following applicable programs: Rural Clean Water, Clear Lakes, Conservation Reserve, Animal Waste Management, Forest Incentive, Water Bank, Dairy Termination, Dairy Indemnity, Emergency Feed, Extended Warehouse Storage, Extended Storage Program, PIK Storage, and Milk Diversion.
SOURCE: Economic Indicators of the Farm Sector, State Financial Summary, 1986, USDA, Economic Research Service, February 1988.

FARM REAL ESTATE DEBT: Amount Outstanding by Lender, Tennessee, December 31, 1981-86[1]

Lender	1981	1982	1983	1984	1985	1986
			Million Dollars			
Federal Land Banks	658	690	668	640	521	407
Farmers Home Administration	266	279	290	306	318	309
Life Insurance Companies	83	86	71	72	58	52
All Operating Banks	345	338	345	345	343	368
Individuals and Others	310	312	315	291	265	234
Total[2]	1,662	1,705	1,689	1,654	1,505	1,370

[1]Includes farm households. [2]Totals may not add due to rounding.
Source: Economic Indicators of the Farm Sector, State Financial Summary, 1986, USDA, Economic Research Service, February 1988.

FARM NONREAL ESTATE DEBT: Amount Outstanding by Lender, Tennessee, December 31, 1981-86[1]

Lender	1981	1982	1983	1984	1985	1986
			Million Dollars			
Debt Owed to Reporting Institutions (excluding CCC)						
All Operating Banks	325	348	356	367	324	281
Production Credit Associations[2]	595	480	416	368	272	225
Federal Intermediate Credit Banks	0	0	0	0	0	0
Farmers Home Administration	375	379	384	416	416	399
Total	1,295	1,207	1,156	1,151	1,012	905
Individuals and Others	262	263	256	252	222	185
Commodity Credit Corporation	36	74	24	21	99	71
Total[3]	1,593	1,544	1,436	1,424	1,333	1,161

[1]Includes farm households. [2]Loans for aquaculture are excluded. [3]Totals may not add due to rounding.
Source: Economic Indicators of the Farm Sector, State Financial Summary, 1986, USDA, Economic Research Service, February 1988.

FARM BALANCE SHEET: Tennessee, December 31, 1981-86[1]

Item	1981	1982	1983	1984	1985	1986
			Million Dollars			
Total Farm Assets	19,358.6	19,129.0	19,550.6	19,065.5	19,136.8	19,187.6
Real Estate	13,936.0	13,587.6	13,989.6	13,158.8	13,292.8	13,156.0
Livestock and Poultry	929.0	1,021.8	924.2	910.1	872.3	881.0
Machinery and Motor Vehicles	2,167.8	2,150.2	2,207.3	2,210.0	2,001.9	1,865.2
Crops[2]	427.5	446.9	328.5	461.5	365.5	298.5
Household Equipment and Furnishings	724.5	811.8	894.1	1,023.1	1,234.5	1,436.0
Deposits and Currency	535.0	562.7	612.9	688.9	739.0	887.6
U.S. Savings Bonds	94.6	92.6	98.8	104.3	112.9	133.1
Investments in Cooperatives	544.2	455.3	495.1	508.7	517.7	530.2
Total Farm Debt	3,265.9	3,186.8	3,111.6	3,065.0	2,742.8	2,462.6
Real Estate Debt[3]	1,657.1	1,716.0	1,699.3	1,661.1	1,508.6	1,371.5
Nonreal Estate Debt[4]	1,557.8	1,470.8	1,412.2	1,403.9	1,234.2	1,091.0
Equity	16,092.7	15,942.1	16,439.0	16,000.5	16,393.9	16,725.0
			Percent			
Ratios						
Equity/Assets	83.1	83.3	84.1	83.9	85.7	87.2
Debt/Equity	20.3	20.0	18.9	19.2	16.7	14.7
Debt/Assets, Total	16.9	16.7	15.9	16.1	14.3	12.8
Debt/Assets, Real Estate	11.9	12.6	12.1	12.6	11.3	10.4
Debt/Assets, Nonreal Estate & CCC	29.7	26.5	25.4	23.8	21.1	18.1
Net Farm Income/Debt[5]	16.7	14.5	4.3	20.0	18.8	17.3

[1]Includes farm households. Data are for farms with sales of $1,000 or more annually. [2]All crops held on farms including value above loan rates for crops held under CCC. [3]Includes CCC storage and drying facilities loans. [4]Includes debt owed to institutional lenders and to noninstitutional or miscellaneous lenders. These crops are included as assets. [5]Total debt in this ratio is an average for the year.
Source: Economic Indicators of the Farm Sector, State Financial Summary, 1986, USDA, Economic Research Service, February 1988.

FARM REAL ESTATE: TENNESSEE, 1979-1987

Year	Value of Land and Buildings			Gross Cash Rent Per Acre	
	Average Per Acre	Average Per Farm	Total	Farms	Cropland
	Dollars		Million Dollars	Dollars	
1979	860	122,700	11,782	37.00	47.10
1980	976	138,300	13,274	41.00	51.00
1981	1,070	152,100	14,445	43.80	50.90
1982	1,040	146,700	13,936	45.00	54.60
1983	1,014	143,000	13,588	40.50	47.90
1984	1,044	144,300	13,995	44.20	50.70
1985	982	134,300	13,159	35.40	45.80
1986	992	134,300	12,894	41.20	47.40
1987	1,012	137,000	12,747	34.90	39.90

Source: "Agricultural Resources-Outlook and Situation Summary," USDA, Economic Research Service, April 1988.

REAL ESTATE TAXES: TAXES LEVIED ON FARM REAL ESTATE, TENNESSEE, 1981-87

Year	Total	Average Per Acre	Average Taxes Per $100 of Full Value
	Million Dollars	Dollars	Dollars
1981	42.9	3.42	.32
1982	43.4	3.49	.34
1983	45.5	3.66	.36
1984[1]	46.4	3.73	.36
1985[1]	46.4	3.73	.38
1986[1]	48.8	3.92	.40
1987[2]	—	—	—

[1]Preliminary.
[2]Data available September 1, 1988.

Source: USDA, Economic Research Service.

INDEX NUMBER OF PRICES RECEIVED BY TENNESSEE FARMERS, 1978-87
1977 = 100

ALL CROPS INDEX

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1978	90	91	93	98	99	98	100	97	93	97	103	103	97
1979	104	105	105	106	107	109	112	108	106	104	105	108	107
1980	110	110	107	105	105	106	112	117	123	124	131	127	115
1981	130	130	126	124	125	123	122	118	111	108	109	110	120
1982	111	112	112	114	114	113	111	107	104	103	106	106	109
1983	105	108	109	114	114	114	118	131	134	131	132	130	120
1984	128	121	130	133	135	134	124	122	119	114	112	111	124
1985	124	111	112	112	111	111	108	104	101	100	97	99	108
1986	100	99	100	100	101	100	97	95	90	91	92	92	96
1987	90	90	91	92	95	97	96	95	95	96	99	103	95

ALL LIVESTOCK INDEX

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1978	106	114	120	124	131	125	127	127	130	132	135	143	126
1979	156	165	167	171	168	156	151	148	150	147	148	149	156
1980	153	157	149	139	139	142	146	151	151	151	150	149	148
1981	147	149	145	148	143	145	141	144	146	142	138	135	144
1982	138	143	143	145	146	144	145	147	144	141	141	139	143
1983	145	151	150	148	146	144	140	137	136	136	136	140	142
1984	144	148	149	147	142	142	145	142	140	137	142	143	143
1985	145	144	143	143	140	139	132	133	133	134	137	134	138
1986	135	135	135	129	129	133	140	145	147	144	142	143	138
1987	146	149	150	154	152	159	159	163	163	157	152	151	155

ALL FARM PRODUCTS INDEX

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1978	98	103	107	111	115	112	114	113	113	115	120	123	112
1979	131	137	138	140	139	134	133	129	129	127	128	129	133
1980	133	135	129	123	122	125	130	135	137	138	141	139	132
1981	139	140	135	136	134	135	132	132	129	126	124	123	132
1982	125	128	128	130	131	129	129	128	125	123	124	123	127
1983	126	130	130	132	131	130	130	134	135	134	134	135	132
1984	136	135	140	140	139	136	133	132	130	126	128	128	134
1985	128	128	128	129	126	125	121	119	118	118	118	117	123
1986	118	118	118	115	115	117	119	121	119	118	118	119	118
1987	119	121	122	124	125	129	129	131	131	128	127	128	126

STATES RANKING AND PRODUCTION OF FIELD CROPS 1987

Soybeans

Rank	State	Production (1,000 Bushels)
1	Iowa	343,650
2	Illinois	323,000
3	Minnesota	181,350
4	Indiana	170,000
5	Missouri	154,560
6	Ohio	147,260
7	Nebraska	81,650
8	Arkansas	69,300
9	Kansas	67,520
10	Mississippi	47,775
11	South Dakota	45,175
12	Michigan	38,150
13	Louisiana	37,600
14	North Carolina	32,830
15	**Tennessee**	**28,750**
16	Kentucky	24,000
17	South Carolina	15,695
18	Georgia	15,600
19	North Dakota	15,438
20	Wisconsin	12,160
21	Virginia	10,920
22	Maryland	9,225
23	Alabama	7,920
24	Oklahoma	5,750
25	Pennsylvania	5,610
26	Delaware	4,230
27	Texas	4,200
28	New Jersey	3,069
29	Florida	2,325

Tobacco

Rank	State	Production (1,000 Pounds)
1	North Carolina	466,592
2	Kentucky	304,845
3	South Carolina	94,080
4	**Tennessee**	**87,291**
5	Virginia	76,900
6	Georgia	72,160
7	Pennsylvania	20,700
8	Maryland	18,750
9	Florida	13,804
10	Ohio	12,044
11	Indiana	11,070
12	Wisconsin	8,370
13	Missouri	3,519
14	Connecticut	2,716
15	West Virginia	2,592
16	Massachusetts	653

Winter Wheat

Rank	State	Production (1,000 Bushels)
1	Kansas	366,300
2	Oklahoma	129,600
3	Washington	104,025
4	Texas	100,800
5	Colorado	93,750
6	Nebraska	85,800
7	Montana	79,200
8	Idaho	60,000
9	Illinois	56,050
10	South Dakota	55,080
11	Oregon	49,500
12	Ohio	46,400
13	California	36,480
14	Missouri	35,420
15	Indiana	34,800
16	Arkansas	34,440
17	Michigan	19,200
18	North Carolina	18,040
19	Kentucky	16,170
20	**Tennessee**	**14,350**
21	Georgia	14,260
22	Mississippi	12,600
23	New Mexico	10,880
24	South Carolina	10,450
25	Virginia	9,675
26	Wyoming	8,370
27	Maryland	8,085
28	Pennsylvania	7,955
29	Utah	7,310
30	North Dakota	5,920
31	Alabama	5,270
32	Louisiana	5,270
33	Arizona	4,180
34	New York	3,760
35	Wisconsin	3,240
36	Minnesota	2,970
37	Delaware	2,016
38	Florida	1,800
39	New Jersey	1,215
40	Iowa	1,140
41	Nevada	630
42	West Virginia	495

Corn for Grain

Rank	State	Production (1,000 Bushels)
1	Iowa	1,306,500
2	Illinois	1,201,200
3	Nebraska	812,200
4	Minnesota	635,000
5	Indiana	631,800
6	Ohio	362,400
7	Wisconsin	330,400
8	Missouri	242,950
9	South Dakota	228,250
10	Michigan	185,250
11	Kansas	141,600
12	Texas	133,750
13	Kentucky	118,560
14	Colorado	106,950
15	Pennsylvania	95,400
16	North Carolina	69,000
17	New York	55,590
18	**Tennessee**	**52,780**
19	Georgia	51,240
20	North Dakota	46,500
21	Maryland	35,880
22	South Carolina	29,250
23	California	28,500
24	Louisiana	22,365
25	Virginia	18,900
26	Vermont	18,900
27	Alabama	18,000
28	Mississippi	14,800
29	Washington	13,600
30	Delaware	10,804
31	New Jersey	10,450
32	New Mexico	7,595
33	Florida	7,560
34	Arkansas	7,475
35	Idaho	6,500
36	Oklahoma	5,992
37	Wyoming	5,217
38	Oregon	3,960
39	West Virginia	3,600
40	Utah	2,800
41	Arizona	2,000
42	Montana	1,575

Cotton

Rank	State	Production (1,000 Bales[1])
1	Texas	4,685.8
2	California	2,991.2
3	Mississippi	1,745.0
4	Arizona	1,062.0
5	Louisiana	977.0
6	Arkansas	901.0
7	**Tennessee**	**634.0**
8	Alabama	397.0
9	Oklahoma	346.0
10	Georgia	338.0
11	Missouri	330.0
12	New Mexico	107.6
13	South Carolina	106.0
14	North Carolina	98.0
15	Florida	39.0
16	Vermont	1.4
17	Kansas	0.9

Sorghum for Grain

Rank	State	Production (1,000 Bushels)
1	Kansas	273,750
2	Texas	166,950
3	Nebraska	109,200
4	Missouri	59,500
5	Arkansas	29,160
6	Oklahoma	18,860
7	South Dakota	14,310
8	Louisiana	12,384
9	Illinois	12,040
10	Colorado	9,890
11	Mississippi	9,425
12	New Mexico	7,980
13	**Tennessee**	**6,000**
14	Georgia	2,400
15	North Carolina	1,935
16	Alabama	1,920
17	Kentucky	1,820
18	California	1,800
19	Arizona	990
20	South Carolina	555

[1]Production is in 480 pound net weight bales.

STATES RANKING AND NUMBERS OF LIVESTOCK, January 1, 1988

Rank	All Cattle and Calves 1,000 Head State	Number	Beef Cows 1,000 Head State	Number	Milk Cows 1,000 Head State	Number
1	Texas	13,500	Texas	5,260	Wisconsin	1,790
2	Kansas	5,860	Missouri	1,866	California	1,005
3	Nebraska	5,450	Oklahoma	1,842	New York	844
4	Oklahoma	5,050	Nebraska	1,680	Minnesota	810
5	Iowa	4,600	Kansas	1,466	Pennsylvania	724
6	California	4,600	South Dakota	1,448	Ohio	368
7	Missouri	4,250	Montana	1,275	Michigan	358
8	Wisconsin	4,230	Iowa	1,201	Texas	340
9	South Dakota	3,500	Florida	1,086	Iowa	299
10	Minnesota	2,850	Kentucky	1,017	Missouri	224
11	Colorado	2,700	**Tennessee**	**986**	Kentucky	218
12	Kentucky	2,450	Arkansas	945	Washington	211
13	Montana	2,350	California	895	Illinois	210
14	**Tennessee**	**2,300**	Alabama	875	**Tennessee**	**204**
15	Illinois	2,050	North Dakota	871	Indiana	190
16	Florida	1,970	Colorado	778	Florida	179
17	Pennsylvania	1,920	Mississippi	706	Vermont	170
18	Arkansas	1,850	Georgia	703	Idaho	160
19	Ohio	1,820	Virginia	690	South Dakota	147
20	North Dakota	1,800	Wyoming	630	Virginia	145
21	New York	1,702	Louisiana	615	Maryland	113
22	Virginia	1,700	Oregon	547	Oklahoma	108
23	Alabama	1,670	New Mexico	527	North Carolina	105
24	Idaho	1,570	Illinois	525	Kansas	104
25	Georgia	1,520	Idaho	510	Georgia	102
26	Oregon	1,360	Ohio	412	Nebraska	100
27	Indiana	1,360	Indiana	370	North Dakota	99
28	Mississippi	1,350	Minnesota	370	Oregon	94
29	New Mexico	1,320	Washington	359	Arizona	90
30	Washington	1,290	North Carolina	320	Louisiana	87
31	Wyoming	1,290	Utah	318	Utah	73
32	Michigan	1,225	South Carolina	284	Colorado	72
33	Louisiana	1,125	Arizona	260	Arkansas	72
34	Arizona	960	West Virginia	248	Mississippi	68
35	North Carolina	825	Nevada	246	New Mexico	59
36	Utah	760	Pennsylvania	206	Maine	47
37	South Carolina	620	Wisconsin	200	South Carolina	43
38	Nevada	500	Michigan	130	Alabama	40
39	West Virginia	490	New York	112	Connecticut	37
40	Maryland	320	Hawaii	73	Massachusetts	33
41	Vermont	297	Maryland	53	West Virginia	31
42	Hawaii	199	New Jersey	11	New Jersey	31
43	Maine	113	Massachusetts	10	Montana	25
44	New Jersey	80	Vermont	9	New Hampshire	23
45	Connecticut	77	Maine	8	Nevada	19
46	Massachusetts	70	New Hampshire	5	Hawaii	12
47	New Hampshire	55	Connecticut	5	Wyoming	10
48	Delaware	29	Alaska	2.5	Delaware	9
49	Alaska	9.5	Delaware	2	Rhode Island	2.9
50	Rhode Island	7	Rhode Island	0.8	Alaska	2.3

STATES RANKING AND NUMBERS OF LIVESTOCK, December 1, 1987

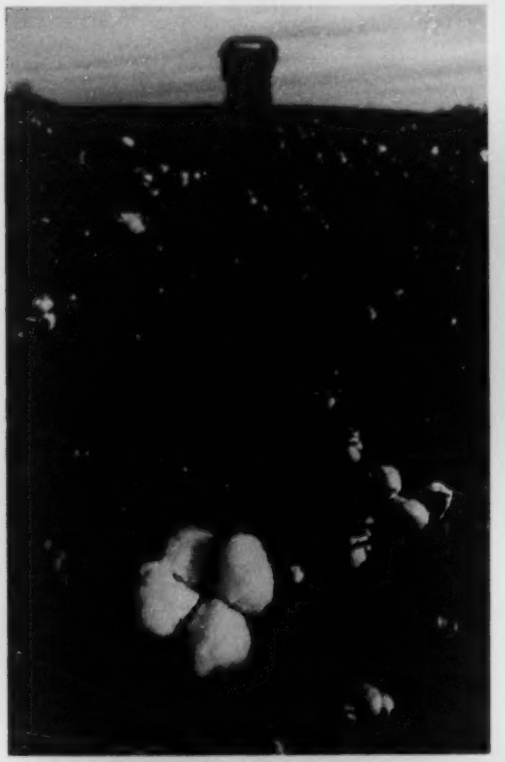
	All Hogs and Pigs 1,000 Head		Hogs for Breeding 1,000 Head		Market Hogs 1,000 Head	
Rank	State	Number	State	Number	State	Number
1	Iowa	13,800	Iowa	1,660	Iowa	12,140
2	Illinois	5,300	Illinois	710	Illinois	4,590
3	Indiana	4,600	Indiana	620	Indiana	3,980
4	Minnesota	4,350	Minnesota	545	Minnesota	3,805
5	Nebraska	4,000	Nebraska	490	Nebraska	3,510
6	Missouri	2,950	Missouri	435	Missouri	2,515
7	North Carolina	2,500	North Carolina	315	North Carolina	2,185
8	Ohio	2,150	Ohio	290	Ohio	1,860
9	South Dakota	1,520	South Dakota	204	South Dakota	1,316
10	Kansas	1,450	Michigan	185	Kansas	1,270
11	Michigan	1,350	Kansas	180	Michigan	1,165
12	Wisconsin	1,280	Wisconsin	175	Wisconsin	1,105
13	Georgia	1,175	Georgia	155	Georgia	1,020
14	Kentucky	900	Kentucky	135	Pennsylvania	770
15	Pennsylvania	860	**Tennessee**	**115**	Kentucky	765
16	**Tennessee**	**800**	Pennsylvania	90	**Tennessee**	**685**
17	Texas	580	Texas	90	Texas	490
18	Arkansas	465	Virginia	71	Arkansas	404
19	Virginia	420	Arkansas	61	Virginia	349
20	South Carolina	400	South Carolina	59	South Carolina	341
21	Alabama	345	Alabama	57	Alabama	288
22	North Dakota	320	North Dakota	44	North Dakota	276
23	Mississippi	263	Mississippi	41	Mississippi	222
24	Montana	230	Colorado	34	Montana	200
25	Maryland	220	Montana	30	Maryland	195
26	Colorado	205	Oklahoma	30	Colorado	171
27	Oklahoma	200	Florida	28	Oklahoma	170
28	Florida	150	Maryland	25	Florida	122
29	California	130	California	23	Arizona	116
30	Arizona	130	New York	17	California	107
31	New York	124	Arizona	14	New York	107
32	Oregon	100	Oregon	13	Oregon	87
33	Idaho	80	Idaho	11	Idaho	69
34	Delaware	58	Delaware	10	Washington	49
35	Washington	55	Louisiana	9	Delaware	48
36	Hawaii	47	Hawaii	7	New Jersey	40
37	Louisiana	46	Washington	6	Hawaii	40
38	New Jersey	45	West Virginia	6	Louisiana	37
39	West Virginia	36	New Jersey	5	West Virginia	30
40	Massachusetts	33	New Mexico	5	Massachusetts	28
41	New Mexico	31	Massachusetts	5	New Mexico	26
42	Utah	26	Utah	4	Utah	22
43	Wyoming	20	Nevada	3	Wyoming	17
44	Nevada	16	Wyoming	3	Nevada	13
45	New Hampshire	9	Maine	2	New Hampshire	8
46	Maine	8	New Hampshire	2	Maine	7
47	Connecticut	7	Vermont	1	Connecticut	6
48	Vermont	6	Connecticut	1	Vermont	5
49	Rhode Island	5	Rhode Island	1	Rhode Island	4
50	Alaska	1	Alaska	0	Alaska	0

Crops

CROP SUMMARY: ACREAGE, YIELD, PRODUCTION, VALUE, TENNESSEE, 1986-87

Crop	Unit	1986				1987			
		Acreage Harvested	Yield Per Acre	Production		Acreage Harvested	Yield Per Acre	Production	
				Total	Value			Total	Value
		1,000		1,000	$1,000	1,000		1,000	$1,000
Corn for Grain	Bu.	770	74.0	56,980	94,017	580	91.0	52,780	95,004
Corn for Silage	Tons	130	12.0	1,560	—	140	13.0	1,820	—
Cotton, Lint	Lbs.	335	567	396[1]	93,139	435	700	634[1]	192,635
Cottonseed	Tons	—	—	157	10,441	—	—	235	18,095
Hay, All	Tons	1,380	1.52	2,092	127,612	1,570	1.68	2,644	142,776
Alfalfa Hay	Tons	100	3.00	300	26,400	120	2.70	324	31,752
All Other Hay	Tons	1,280	1.40	1,792	101,212	1,450	1.60	2,320	111,024
Grain Sorghum	Bu.	165	65.0	10,725	14,372	75	80.0	6,000	8,880
Sorghum Silage	Tons	8	12.0	96	—	10	10.0	100	—
Soybeans	Bu.	1,420	25.0	35,500	172,885	1,250	23.0	28,750	158,125
Irish Potatoes	Cwt.	2.6	90	234	2,235	1.8	80	144	1,483
Sweet Potatoes	Cwt.	0.9	110	99	1,158	0.8	110	88	1,276
Tobacco, All	Lbs.	49.24	1,682	82,821	126,202	49.44	1,766	87,291	135,421
E. Dark-Fired (22)	Lbs.	8.80	2,025	17,820	25,590	5.50	2,170	11,935	18,607
W. Dark-Fired (23)	Lbs.	0.68	2,275	1,547	2,257	0.46	2,350	1,081	1,627
Burley (31)	Lbs.	39.00	1,590	62,010	96,550	43.00	1,705	73,315	113,858
One-Sucker (35)	Lbs.	0.76	1,900	1,444	1,805	0.48	2,000	960	1,329
Winter Wheat	Bu.	325	33.0	10,725	26,813	350	41.0	14,350	37,310
Apples (Having Value)	Lbs.	—	—	8,500	1,572	—	—	14,000	1,974
Peaches (Having Value)	Lbs.	—	—	3,700	888	—	—	2,500	865
Floriculture	—	—	—	—	17,077	—	—	—	18,984
Snap Beans, Processing	Tons	5.3	1.43	7.6	1,508	5.4	2.00	10.8	2,106
Tomatoes, Fresh Market	Cwt.	5.0	210	1,050	21,000	4.6	180	828	19,044

[1]Cotton production in 480-lbs. net weight bales.



TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS 1987[1]

Rank	Soybeans	Tobacco	Wheat	Corn	Cotton	Sorghum
1	Dyer	Robertson	Obion	Obion	Haywood	Dyer
2	Lauderdale	Greene	Dyer	Weakley	Crockett	Gibson
3	Obion	Montgomery	Weakley	Gibson	Tipton	Fayette
4	Tipton	Claiborne	Robertson	Henry	Fayette	Lake
5	Gibson	Sumner	Lauderdale	Robertson	Madison	Lauderdale
6	Lake	Hawkins	Lake	Carroll	Gibson	Tipton
7	Weakley	Washington	Gibson	Dyer	Lauderdale	Weakley
8	Shelby	Macon	Henry	Henderson	Shelby	Obion
9	Haywood	Smith	Franklin	Lawrence	Hardeman	Hardin
10	Fayette	Grainger	Montgomery	Franklin	Dyer	Hardeman
11	Robertson	Cocke	Tipton	Lake	Carroll	Shelby
12	Madison	Maury	Shelby	McNairy	Lake	Crockett
13	Carroll	Hancock	Carroll	Lauderdale	Chester	Haywood
14	Henry	Jefferson	Haywood	Fayette	McNairy	McNairy
15	Henderson	Sullivan	Lincoln	Montgomery	Franklin	Decatur
16	Crockett	Johnson	Fayette	Coffee	Lincoln	Madison
17	Hardin	Trousdale	Rutherford	Benton	Henderson	Carroll
18	Hardeman	Williamson	Bedford	Hardin	Obion	Warren
19	Lincoln	Cheatham	Madison	Haywood	Rutherford	Chester
20	Franklin	Sevier	Coffee	Giles	Weakley	Henry
21	McNairy	Hamblen	McNairy	Hardeman	Giles	Rutherford
22	Montgomery	Dickson	Warren	Chester	Henry	Bedford
23	Coffee	Union	Crockett	Madison	Lawrence	Benton
24	Bedford	Stewart	Williamson	Humphreys	Hardin	Lawrence
25	Rutherford	Jackson	Lawrence	Rutherford		Maury
26	Lawrence	Putnam	Sumner	Warren		Henderson
27	Sumner	Carter	Hardeman	Lincoln		Lincoln
28	Warren	DeKalb	Hardin	Decatur		Williamson
29	Maury	White	Wayne	Sumner		Robertson
30	Williamson	Monroe	Henderson	Bedford		Giles
31	Chester	Wilson	Marshall	Perry		Coffee
32	Marion	McMinn	Maury	Cannon		Marshall
33	DeKalb	Clay	Chester	Fentress		Marion
34	Cannon	Henry	Wilson	Macon		DeKalb
35	Benton	Lincoln	Bledsoe	DeKalb		White
36	Giles	Pickett	Giles	Hickman		Franklin
37	Monroe	Blount	Hickman	Shelby		Bradley
38	Macon	Knox	Macon	Wayne		McMinn
39	Humphreys	Campbell	Monroe	Crockett		
40	Wayne	Loudon	Benton	Marshall		
41	Decatur	Unicoi	Blount	Smith		
42	Davidson	Overton	McMinn	Maury		
43	Stewart	Marshall	DeKalb	Williamson		
44	Hickman	Giles	Decatur	Tipton		

TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS 1987[1]

Rank	Soybeans	Tobacco	Wheat	Corn	Cotton	Sorghum
45	Perry	Moore	Meigs	Bledsoe		
46	Fentress	Roane	White	Grundy		
47	Blount	Lawrence	Polk	Cumberland		
48	Cheatham	Fentress	Cheatham	Dickson		
49	Marshall	Houston	Marion	White		
50	Grundy	Meigs	Dickson	Blount		
51	White	Cannon	Loudon	Cheatham		
52	Clay	Bedford	Cannon	Cocke		
53	Bledsoe	Weakley	Grundy	Overton		
54	Wilson	Cumberland	Bradley	Greene		
55	Cumberland	Anderson	Rhea	Clay		
56	Dickson	Warren	Hamblen	Putnam		
57	Loudon	Franklin	Jefferson	Marion		
58	Meigs	Hickman	Sequatchie	Wilson		
59	McMinn	Davidson	Greene	Morgan		
60	Jefferson	Bradley	Perry	Hawkins		
61	Jackson	Rutherford	Clay	Stewart		
62	Cocke	Morgan	Hamilton	Washington		
63	Sequatchie	Lewis	Overton	Jackson		
64	Overton	Rhea	Stewart	Jefferson		
65	Houston	Van Buren	Cumberland	Lewis		
66	Smith	Humphreys	Humphreys	McMinn		
67	Lewis	Coffee	Putnam	Sullivan		
68	Putnam	Scott	Knox	Monroe		
69	Knox	Polk	Fentress	Sevier		
70	Polk	Obion	Trousdale	Loudon		
71	Morgan	Grundy		Sequatchie		
72	Greene			Houston		
73	Hamblen			Hamblen		
74	Rhea			Scott		
75	Bradley			Claiborne		
76	Hamilton			Johnson		
77	Van Buren			Rhea		
78				Knox		
79				Grainger		
80				Davidson		
81				Polk		
82				Pickett		
83				Van Buren		
84				Moore		
85				Trousdale		
86				Hancock		
87				Bradley		
88				Meigs		
89				Hamilton		
90				Carter		
91				Campbell		
92				Roane		
93				Union		

[1]If tied, ranked by harvested acreage.

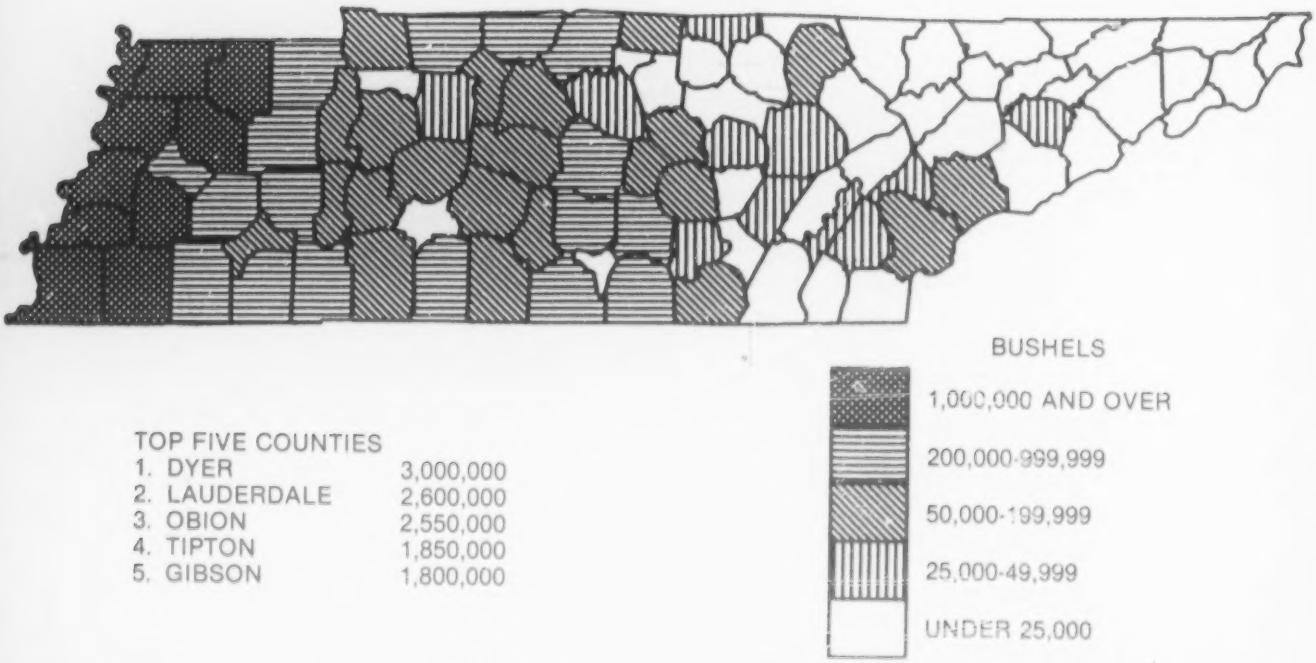
TENNESSEE CROPS: Record Highs And Lows

Crop	Unit	Record High					
		Year	Acreage Harvested	Year	Yield Per Acre	Year	Production
			1,000				1,000
Corn for Grain	Bu	1920	3,375	1985	98	1985	79,380
Corn for Silage	Tons	1973	170	1984	17	1976	2,560
Cotton	Bales	1925	1,146	1987	700	1953	700
Hay							
All Hay	Tons	1943	1,997	1985	1.95	1985	3,156
Alfalfa	Tons	1958	188	1985	3.80	1985	456
Grain Sorghum	Bu	1985	465	1987	80	1985	37,200
Sorghum Silage	Tons	1955	35	1985	14	1971	752
Soybeans	Bu	1979	2,620	1979	27	1979	70,740
Tobacco							
All Tobacco	Lbs	1930	162	1972	2,172	1982	178,117
E. Dark-Fired (22)	Lbs	1923	76	1985	2,210	1931	61,500
W. Dark-Fired (23)	Lbs	1919	30	1987	2,350	1919	24,450
Burley (31)	Lbs	1952	89	1972	2,245	1982	148,580
One Sucker (35)	Lbs	1945	6	1984	2,135	1919	18,150
Winter Wheat	Bu	1981	850	1981	44	1981	37,400
Fruits & Vegetables							
Apples	Lbs	N/A	N/A	N/A	N/A	1941	26,900
Peaches	Lbs	N/A	N/A	N/A	N/A	1912	137,600
Snapbeans, Processed	Tons	1973	16.7	1982	2.59	1975	31.9
Irish Potatoes	Cwt	1943	56	1985	150	1943	2,520
Sweet Potatoes	Cwt	1932	75	1985	150	1926	3,825
Tomatoes, Fresh Market	Cwt	1928	9	1985	280	1985	1,260

Note: If acreage, yield, or production is identical for more than one year, then the most recent year is shown. N/A: Not Available.

Crop	Unit	Record Low						Year Records Began
		Year	Acreage Harvested	Year	Yield Per Acre	Year	Production	
			1,000				1,000	
Corn for Grain	Bu	1983	480	1930	14	1983	23,040	1919
Corn for Silage	Tons	1934	12	1930	3.5	1932	72	1919
Cotton	Bales	1983	215	1973	103	1967	145	1866
Hay								
All Hay	Tons	1914	893	1930	63	1914	799	1908
Alfalfa	Tons	1924	15	1930	1.15	1925	19	1919
Grain Sorghum	Bu	1949	5	1954	17	1949	115	1949
Sorghum Silage	Tons	1932	2	1930	4.5	1932	13	1929
Soybeans	Bu	1925	8	1935	6.5	1925	60	1924
Tobacco								
All Tobacco	Lbs	1874	21	1874	300	1874	6,300	1866
E. Dark-Fired (22)	Lbs	1987	5.5	1920	744	1987	11,000	1919
W. Dark-Fired (23)	Lbs	1973	420	1930	700	1974	607	1919
Burley (31)	Lbs	1921	9.3	1932	790	1921	7,347	1919
One Sucker (35)	Lbs	1987	48	1930	695	1987	960	1919
Winter Wheat	Bu	1962	107	1885	3	1866	2,008	1866
Fruits & Vegetables								
Apples	Lbs	N/A	N/A	N/A	N/A	1973	3,100	1934
Peaches	Lbs	N/A	N/A	N/A	N/A	1985	0	1909
Snapbeans, Processed	Tons	1919	12	1941	8	1921	3	1918
Irish Potatoes	Cwt	1987	1.8	1936	25	1987	144	1866
Sweet Potatoes	Cwt	1987	8	1869	23	1987	88	1868
Tomatoes, Fresh Market	Cwt	1919	1.8	1953	40	1921	82	1918

SOYBEANS



TOP FIVE COUNTIES

1.	DYER	3,000,000
2.	LAUDERDALE	2,600,000
3.	OBION	2,550,000
4.	TIPTON	1,850,000
5.	GIBSON	1,800,000

Soybeans, Tennessee's most predominant crop, appeared to be headed for a banner year in 1987 as producers planted early and enjoyed near ideal weather prior to August. However, the weather turned dry for the remainder of summer and a killing frost occurred earlier than usual. As a result, the pre harvest forecast of 29 bushels per acre did not come close to the final estimate of 23 bushels per acre. During the past five years, soybean yields have ranged from a low of 16 bushels per acre in 1983 to a record high 31 in 1985, with a 5 year average of 25.

Tennessee's total soybean production of 28.8 million bushels was the lowest since 1972 due largely to declining acreage. The State's soybean acreage exceeded 1 million acres for the first time in 1967, peaked in 1979 at 2.7 million acres and was 1.3 million in 1987.

On the bright side, soybean producers enjoyed late season price strength and uninterrupted excellent harvesting conditions. Soybean prices averaged $5.50 per bushel for the 1987 crop, compared with $4.87 in 1986 and $5.08 in 1985. Despite improved prices, the total value of soybean production dropped to $158.1 million from $172.9 in 1986.

SOYBEANS: ACREAGE, YIELD, PRODUCTION AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
	1,000		Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars
1978	2,530	2,420	23.5	56,870	6.73	382,735
1979	2,700	2,620	27.0	70,740	6.35	449,199
1980	2,650	2,550	18.0	45,900	7.88	361,692
1981	2,450	2,350	25.0	58,750	6.06	356,025
1982	2,400	2,300	26.5	60,950	5.57	339,492
1983	2,020	1,970	16.0	31,520	7.96	250,899
1984	1,900	1,850	26.0	48,100	5.97	287,157
1985	1,500	1,460	31.0	45,260	5.08	229,921
1986	1,470	1,420	25.0	35,500	4.87	172,885
1987	**1,300**	**1,250**	**23.0**	**28,750**	**5.50**	**158,125**

SOYBEANS: Prices Received By Farmers, By Months, Tennessee, 1978-87

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average[1]
						DOLLARS PER BUSHEL							
1978	6.07	6.43	6.57	6.50	6.75	7.03	7.20	7.36	7.22	7.43	7.55	7.27	6.73
1979	6.80	6.48	6.18	6.36	6.62	6.35	5.96	5.83	5.66	6.05	6.92	7.51	6.35
1980	7.84	7.93	8.28	7.61	8.02	7.97	7.35	7.13	7.45	7.23	7.24	6.79	7.88
1981	6.28	5.97	6.05	6.08	6.07	6.18	6.18	6.30	6.49	6.22	6.14	5.63	6.06
1982	5.06	5.14	5.53	5.64	5.65	5.79	5.79	6.13	6.14	6.20	6.58	8.08	5.57
1983	8.74	8.12	7.99	8.01	7.75	6.95	8.00	8.00	8.19	8.16	6.79	6.59	7.96
1984	6.33	6.07	5.91	5.96	6.18	6.05	6.05	6.11	5.80	5.85	5.53	5.20	5.97
1985	5.05	4.93	5.00	5.04	5.37	5.35	5.27	5.41	5.39	5.31	5.19	5.24	5.08
1986	4.79	4.81	4.89	4.77	4.88	4.83	4.94	5.01	5.06	5.40	5.42	5.18	4.85
1987	5.15	5.18	5.46	5.84	6.01	6.18							5.50[2]

[1]Marketing year is September 1 of the current year through August 31 of the following year.
[2]Preliminary based on the first six months of the marketing year.

SOYBEANS: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Acres									Bushels		
Dyer	208,000	172,000	172,000	204,000	172,000	168,000	26	18	28	5,304,000	3,096,000	4,662,000
Lake	80,000	72,000	68,000	63,000	71,000	68,000	30	17	30	2,565,000	1,210,000	2,050,000
Lauderdale	141,000	121,000	123,000	113,000	109,000	118,000	27	17	28	3,729,000	2,044,000	3,307,000
Obion	148,000	109,000	126,000	144,000	127,000	130,000	28	17	29	4,014,000	2,164,000	3,650,000
Shelby	90,000	80,000	81,000	86,000	80,000	81,000	25	13	27	2,214,000	1,107,000	2,230,000
Tipton	137,000	112,000	109,000	129,000	111,000	108,000	26	15	27	3,375,000	1,668,000	2,940,000
District 1	804,000	666,000	680,000	765,000	670,000	673,000	27	16	28	21,201,000	11,295,000	18,859,000
Benton	75,000	53,000	70,000	53,000	53,000	51,000	26	13	29	368,000	174,000	390,000
Carroll	93,000	69,000	85,000	88,000	48,000	44,000	26	13	27	1,383,000	610,000	1,164,000
Chester	68,000	54,000	64,000	57,000	43,000	35,000	25	14	24	609,000	323,000	560,000
Crockett	54,000	33,000	36,000	48,000	35,000	30,000	25	14	25	1,239,000	530,000	876,000
Decatur	13,000	9,000	9,000	11,000	9,000	8,000	20	13	23	222,000	115,000	202,000
Fayette	102,000	87,000	75,000	100,000	80,000	77,000	23	14	24	2,280,000	1,170,000	1,800,000
Gibson	155,000	125,000	123,000	149,000	114,000	103,000	25	14	25	3,691,000	1,470,000	3,026,000
Hardeman	54,000	47,000	47,000	52,000	45,000	44,000	20	15	23	1,284,000	675,000	970,000
Hardin	45,000	41,000	40,000	44,000	35,000	33,000	23	12	20	1,034,000	476,000	790,000
Haywood	109,000	93,000	88,000	105,000	92,000	87,000	24	13	26	2,730,000	1,266,000	2,271,000
Henderson	46,000	38,000	35,000	43,000	37,000	34,000	20	13	25	1,106,000	535,000	842,000
Henry	57,000	44,000	47,000	50,000	40,000	34,000	24	13	27	1,437,000	640,000	870,000
McNairy	48,000	40,000	37,000	47,000	34,000	32,000	21	13	23	1,029,000	753,000	850,000
Madison	79,000	72,000	66,000	71,000	62,000	55,000	25	13	25	2,067,000	915,000	1,618,000
Weakley	109,000	82,000	81,000	98,000	81,000	80,000	25	14	25	2,526,000	1,111,000	2,070,000
District 2	947,000	847,000	715,000	907,000	783,000	731,000	25	14	25	23,153,000	11,267,000	18,269,000
Cheatham	3,000	3,000	3,000	3,000	3,000	3,000	28	20	33	143,000	65,000	99,000
Dickson	8,000	8,000	3,000	4,000	4,000	3,000	27	17	25	90,000	37,000	75,000
Hickman	8,000	5,000	7,000	7,000	5,000	4,000	29	18	26	231,000	91,000	128,000
Houston	2,000	2,000	2,000	1,000	2,000	2,000	29	19	24	44,000	28,000	47,000
Humphreys	12,000	8,000	8,000	11,000	8,000	6,000	31	18	31	306,000	123,000	180,000
Lawrence	43,000	32,000	26,000	41,000	31,000	25,000	30	18	19	1,013,000	549,000	474,000
Lewis	2,000	2,000	2,000	2,000	2,000	1,000	28	19	30	55,000	33,000	57,000
Montgomery	24,000	23,000	23,000	23,000	23,000	22,000	27	21	28	587,000	414,000	638,000
Perry	8,000	5,000	5,000	8,000	5,000	5,000	29	14	29	206,000	72,000	130,000
Robertson	27,000	24,000	24,000	26,000	23,000	23,000	27	19	30	2,234,000	979,000	1,495,000
Stewart	5,000	5,000	4,000	5,000	4,000	3,000	28	13	27	136,000	56,000	105,000
Wayne	10,000	6,000	6,000	9,000	6,000	5,000	25	18	30	235,000	146,000	157,000
District 3	148,000	123,000	120,000	140,000	116,000	103,000	29	18	27	5,582,000	2,643,000	3,548,000

[1]Less than 500 acres planted for all purposes combined with other counties.

SOYBEANS: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Acres						Bushels					
Bedford	24,000	18,000	17,000	21,000	17,500	16,900	26	16	23	549,000	286,000	368,000
Cannon	12,000	10,000	9,000	11,000	9,500	8,900	29	19	25	321,000	184,000	221,000
Clay	3,000	2,500	3,000	2,200	2,200	2,100	29	20	28	64,000	45,000	59,000
Davidson	7,000	6,500	6,000	6,300	6,000	5,700	24	15	31	184,000	92,000	175,000
DeKalb	10,000	9,000	8,000	9,000	8,500	7,900	29	18	29	262,000	156,000	227,000
Giles	18,000	14,500	13,000	17,000	14,000	12,000	29	16	24	496,000	229,000	285,000
Jackson	3,000	2,800	2,000	2,500	2,200	1,800	25	18	23	63,000	40,000	41,000
Lincoln	42,000	37,000	33,000	40,000	36,500	32,600	28	16	25	1,176,000	597,000	806,000
Macon	10,000	8,600	7,200	9,000	7,900	6,700	29	15	28	262,000	121,000	188,000
Marshall	9,000	7,200	7,000	8,500	8,000	6,000	27	20	21	217,000	141,000	127,000
Maury	29,000	24,000	21,000	27,000	23,500	20,000	24	21	27	652,000	504,000	420,000
Moore	2,000	800	*	1,000	600	*	27	20	*	27,000	12,000	*
Rutherford	28,000	21,500	20,000	24,000	21,000	19,000	27	16	26	652,000	343,000	488,000
Smith	3,000	2,400	2,000	2,000	1,850	1,500	31	18	25	62,000	33,000	37,000
Sumner	24,000	20,000	18,000	23,000	19,000	17,000	28	16	29	648,000	311,000	492,000
Trousdale	2,000	1,800	*	2,000	1,600	*	30	16	*	60,000	25,000	*
Williamson	18,000	15,800	14,000	17,000	15,000	13,000	33	18	28	564,000	276,000	360,000
Wilson	6,000	3,500	3,500	5,000	3,500	3,000	30	15	23	151,000	51,000	69,000
Other Counties			2,200			1,800			26			46,000
District 4	250,000	206,000	186,000	227,000	197,000	175,000	29	17	25	6,350,000	3,443,000	4,409,000
Bledsoe	6,000	4,000	3,700	5,000	3,800	3,400	27	19	23	136,000	71,000	78,000
Coffee	32,000	29,000	22,800	30,000	28,400	22,000	27	15	20	870,000	533,000	438,000
Cumberland	4,000	3,000	2,700	3,500	2,800	2,500	28	19	22	99,000	52,000	55,000
Fentress	9,000	7,000	6,300	6,800	6,400	5,800	26	19	27	177,000	128,000	156,000
Franklin	31,000	31,100	27,400	29,800	30,750	27,000	29	20	23	841,000	608,000	621,000
Grundy	4,000	3,000	2,600	3,600	2,800	2,500	26	19	28	105,000	52,000	70,000
Marion	12,000	10,000	9,000	11,400	9,500	8,900	29	20	28	333,000	190,000	249,000
Morgan	2,000	2,000	1,600	1,900	1,900	1,500	22	20	20	41,000	38,000	30,000
Overton	4,000	3,000	3,000	3,000	2,800	2,500	28	19	22	85,000	53,000	55,000
Putnam	3,000	2,000	2,400	2,800	1,900	2,000	26	19	25	71,000	36,000	50,000
Sequatchie	3,000	2,000	2,200	2,000	1,900	2,000	30	19	31	60,000	36,000	62,000
Warren	17,000	13,000	14,500	21,000	18,500	14,000	25	16	23	529,000	289,000	320,000
White	5,000	4,200	4,200	4,500	3,800	4,000	28	16	24	127,000	59,000	95,000
Other Counties[1]	1,000	900	1,000	400	700	800	28	17	23	11,000	12,000	18,000
District 5	139,000	120,000	100,000	126,000	116,000	99,000	27	19	23	3,485,000	2,149,000	2,300,000
Blount	7,000	5,500	5,000	6,300	5,200	4,600	31	19	21	195,000	97,000	97,000
Bradley	2,500	1,400	1,700	1,000	1,200	1,000	34	17	23	34,000	20,000	23,000
Cocke	2,900	1,500	1,200	2,000	1,000	1,000	40	23	32	80,000	30,000	32,000
Greene	2,500	2,300	1,900	2,000	1,600	1,400	24	23	26	47,000	34,000	36,500
Hamblen	900	800	900	700	700	700	31	23	24	22,000	16,000	17,000
Hamilton	2,500	2,000	1,200	2,000	1,300	1,000	25	18	20	49,000	24,000	20,000
Hawkins	900	700	600	800	600	500	24	22	26	19,000	13,000	13,000
Jefferson	2,500	2,400	1,700	2,000	1,600	1,400	29	24	25	57,000	38,000	35,000
Knox	1,000	1,400	1,600	900	1,300	1,000	31	23	29	28,000	30,000	29,000
Loudon	3,000	2,700	3,000	2,700	1,800	1,900	33	20	23	73,000	36,000	34,500
McMinn	4,000	3,700	3,500	3,500	3,000	3,000	31	20	18	99,000	59,000	56,000
Meigs	2,500	2,300	2,200	2,000	2,100	2,000	30	18	21	49,000	37,000	42,000
Monroe	9,800	8,500	8,800	9,800	7,000	6,200	27	21	22	264,000	145,000	136,000
Polk	3,000	2,200	1,900	3,300	2,000	1,700	27	23	20	91,000	46,000	34,000
Rhea	4,000	3,400	3,200	3,900	3,000	2,700	28	27	27	109,000	65,000	74,000
Sevier	800	1,000	900	700	400	700	26	21	30	18,000	17,000	21,000
Other Counties[1]	500	900	500	400	800	300	28	22	30	11,000	13,000	9,000
District 6	50,000	41,000	36,000	43,000	35,000	31,000	28	21	23	1,205,000	729,000	715,000
State	2,400,000	2,020,000	1,900,000	2,300,000	1,970,000	1,800,000	27	16	26	60,950,000	31,520,000	48,100,000

[1]Less than 500 acres planted for all purposes combined with other counties.

SOYBEANS: Farm Marketings, By Months, Tennessee, 1978-1986

Crop Year	Year of Production				Following Year							
	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.
	Percent											
1978	1	38	15	9	5	7	9	6	2	4	2	2
1979	2	33	30	7	7	4	3	4	3	2	3	2
1980	4	40	25	5	7	3	5	3	1	2	1	4
1981	2	31	35	10	7	3	4	4	1	1	1	1
1982	1	34	20	8	9	7	8	5	3	2	2	1
1983	2	34	27	6	9	4	8	3	3	1	1	2
1984	1	6	43	18	8	4	8	5	2	3	1	1
1985	1	18	37	18	12	4	4	2	1	1	1	1
1986	3	18	17	24	13	7	5	6	3	2	1	1

SOYBEANS: Acreage, Yield, and Production—By Counties for 1985, 1986, and Preliminary 1987

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres						Bushels					
Dyer	134,000	140,000	125,000	133,000	136,000	122,000	33	26	25	4,450,000	3,600,000	3,030,000
Lake	60,000	62,000	61,000	59,500	60,000	60,000	38	30	27	2,250,000	1,800,000	1,600,000
Lauderdale	116,000	120,000	113,000	115,000	117,000	110,000	32	24	24	3,660,000	2,800,000	2,600,000
Obion	100,000	100,000	93,000	99,000	98,000	92,000	34	33	28	3,400,000	3,200,000	2,550,000
Shelby	77,000	79,000	66,000	76,500	77,000	65,000	29	23	21	2,240,000	1,800,000	1,370,000
Tipton	93,000	94,000	82,000	92,000	92,000	81,000	28	23	23	2,580,000	2,100,000	1,850,000
District 1	580,000	595,000	540,000	575,000	580,000	530,000	32	26	25	18,580,000	15,300,000	13,000,000
Benton	8,000	7,000	6,000	7,000	6,500	5,700	33	22	23	230,000	140,000	130,000
Carroll	29,000	31,000	26,000	28,000	30,000	25,000	31	22	25	860,000	650,000	620,000
Chester	14,000	13,000	9,500	13,500	12,500	9,300	25	18	18	340,000	220,000	165,000
Crockett	25,000	23,000	20,000	24,000	22,500	19,000	31	21	24	750,000	470,000	455,000
Decatur	7,000	6,000	5,000	6,800	5,500	4,700	27	20	18	185,000	110,000	85,000
Fayette	69,000	69,000	58,000	68,000	68,000	56,000	29	22	19	1,940,000	1,500,000	1,050,000
Gibson	79,000	80,000	74,000	78,000	79,000	72,000	31	24	25	2,400,000	1,900,000	1,800,000
Hardeman	34,000	36,000	22,000	33,000	29,500	21,400	28	20	21	910,000	600,000	440,000
Hardin	30,000	31,000	23,500	29,000	30,000	22,500	28	20	20	820,000	600,000	450,000
Haywood	65,000	69,000	52,000	64,000	68,000	51,000	29	22	22	1,850,000	1,500,000	1,100,000
Henderson	26,000	26,000	22,000	25,500	25,500	21,200	32	24	23	810,000	600,000	485,000
Henry	28,000	29,000	28,000	27,500	28,000	26,800	33	25	22	900,000	700,000	590,000
McNairy	26,000	25,000	18,000	25,500	24,500	17,300	27	22	23	680,000	550,000	400,000
Madison	44,000	45,000	32,000	43,000	44,500	30,600	29	22	24	1,260,000	960,000	730,000
Weakley	61,000	61,000	59,000	60,000	60,000	57,500	30	25	24	1,800,000	1,500,000	1,400,000
District 2	545,000	545,000	455,000	532,800	534,000	440,000	30	23	23	15,735,000	12,000,000	9,900,000
Cheatham	3,200	2,800	2,200	3,000	2,600	2,000	35	29	26	105,000	75,000	52,000
Dickson	2,700	2,100	1,500	2,600	1,800	1,200	31	25	24	80,000	45,000	29,000
Hickman	3,700	3,500	2,900	3,300	3,100	2,500	33	26	24	110,000	80,000	61,000
Houston	1,500	1,200	900	1,400	1,100	800	32	25	24	45,000	28,000	19,000
Humphreys	4,500	4,500	4,000	4,300	4,300	3,800	36	26	24	155,000	110,000	93,000
Lawrence	18,000	17,000	12,000	17,300	16,000	10,800	29	29	21	500,000	470,000	223,000
Lewis	1,500	1,300	900	1,400	1,200	800	32	25	23	45,000	30,000	18,000
Montgomery	22,000	20,000	16,600	20,500	19,000	15,800	35	27	24	720,000	514,000	378,000
Perry	4,800	4,300	3,000	4,500	4,100	2,800	29	23	20	130,000	95,000	56,000
Robertson	44,000	39,000	33,400	43,000	38,000	32,400	33	27	25	1,400,000	1,040,000	820,000
Stewart	3,500	3,500	3,100	3,400	3,400	2,900	31	26	22	105,000	88,000	63,000
Wayne	5,600	5,800	4,500	5,500	5,400	4,200	31	23	21	170,000	125,000	88,000
District 3	115,000	105,000	85,000	110,200	100,000	80,000	32	27	24	3,565,000	2,700,000	1,900,000

*Less than 500 acres planted for all purposes, combined with other counties.

SOYBEANS: Acreage, Yield, and Production—By Counties for 1985, 1986, and Preliminary 1987

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres						Bushels					
Bedford	14,500	14,000	14,500	14,000	13,500	13,000	29	27	19	400,000	370,000	245,000
Cannon	7,000	6,000	7,700	6,900	5,900	7,200	27	25	18	185,000	150,000	130,000
Clay	2,500	2,100	2,100	1,700	1,600	1,600	30	25	23	51,000	40,000	36,000
Davidson	4,600	4,000	3,700	4,000	3,500	3,200	35	24	22	140,000	85,000	71,000
DeKalb	6,500	5,500	5,800	6,400	5,400	5,500	34	28	24	220,000	150,000	132,000
Giles	9,000	8,500	6,500	8,000	7,200	5,500	34	25	22	270,000	180,000	122,000
Jackson	1,600	1,400	1,200	1,300	1,200	1,000	25	25	24	32,000	30,000	24,000
Lincoln	27,000	22,000	23,000	26,000	20,800	21,700	30	29	20	770,000	610,000	438,000
Macon	6,000	5,000	4,500	5,000	4,600	4,300	33	28	24	163,000	130,000	104,000
Marshall	5,300	4,000	3,000	5,000	3,700	2,500	27	27	20	135,000	100,000	50,000
Maury	15,000	14,000	11,200	14,500	12,800	9,800	30	27	18	430,000	350,000	180,000
Rutherford	16,000	12,000	12,000	14,700	10,400	10,400	27	26	22	400,000	275,000	230,000
Smith	1,400	1,300	1,100	1,200	1,100	900	29	27	21	35,000	30,000	18,500
Sumner	14,000	11,000	9,500	13,000	10,000	9,000	33	26	25	430,000	255,000	222,000
Williamson	11,000	8,500	7,500	10,000	7,900	7,000	34	27	24	340,000	215,000	170,000
Wilson	2,200	1,700	1,700	2,100	1,600	1,600	29	25	21	60,000	40,000	34,000
Other Counties[1]	1,400	1,000	1,000	1,200	800	800	33	25	19	39,000	20,000	15,500
District 4	145,000	122,000	116,000	135,000	112,000	105,000	30	27	21	4,100,000	3,030,000	2,220,000
Bledsoe	3,000	2,100	2,000	2,900	2,000	1,800	29	25	20	85,000	50,000	36,000
Coffee	17,000	17,000	18,300	16,700	16,500	17,800	32	29	16	530,000	480,000	284,000
Cumberland	2,500	2,000	1,600	2,400	1,800	1,400	31	25	22	75,000	45,000	31,000
Fentress	4,000	2,800	2,500	3,800	2,700	2,400	28	30	23	105,000	80,000	55,000
Franklin	25,000	25,500	26,000	24,800	25,200	25,300	32	29	17	800,000	720,000	420,000
Grundy	2,000	2,000	2,400	1,900	1,900	2,300	32	29	20	60,000	55,000	46,000
Marion	7,500	7,000	7,500	7,400	6,900	7,200	35	27	20	260,000	185,000	143,000
Morgan	1,200	1,000	1,000	1,100	800	800	31	29	18	34,000	23,000	14,500
Overton	2,000	1,400	1,100	1,600	1,300	1,000	28	28	21	45,000	37,000	21,000
Putnam	1,900	1,400	1,000	1,600	1,300	800	31	24	23	50,000	31,000	18,000
Sequatchie	1,900	1,500	1,400	1,800	1,300	1,200	33	21	18	60,000	27,000	22,000
Van Buren	500	600	600	500	500	500	28	24	20	14,000	12,300	9,800
Warren	12,300	10,000	12,000	12,000	9,700	11,400	29	22	16	350,000	210,000	185,000
White	3,800	3,400	2,300	3,100	2,800	1,800	32	24	21	100,000	66,000	38,000
Other Counties	400	300	300	400	300	300	30	30	22	12,000	9,000	6,700
District 5	85,000	78,000	80,000	82,000	75,000	76,000	31	27	18	2,580,000	2,030,000	1,330,000
Blount	4,100	3,600	3,600	3,600	2,800	2,700	31	26	20	110,000	74,000	53,000
Bradley	1,000	600	800	800	400	600	33	20	19	26,000	8,000	11,500
Cocke	900	900	1,000	700	700	900	34	20	26	24,000	14,000	23,000
Greene	1,500	1,200	1,000	1,000	700	700	25	21	20	25,000	15,000	14,000
Hamblen	1,000	700	700	800	600	600	31	27	22	25,000	16,000	13,000
Hamilton	700	700	600	600	500	500	27	20	20	16,000	10,000	10,000
Hawkins	500	500	[1]	400	400	[1]	33	23	[1]	13,000	9,000	[1]
Jefferson	1,400	1,400	1,400	1,100	1,000	1,100	27	22	24	30,000	22,000	26,000
Knox	1,400	1,300	1,000	1,200	1,000	800	29	24	21	35,000	24,000	16,500
Loudon	1,800	1,400	1,800	1,600	1,000	1,500	25	21	19	40,000	21,000	28,000
McMinn	3,100	2,400	1,800	2,300	1,600	1,200	26	22	22	60,000	35,000	26,000
Meigs	1,900	1,700	1,700	1,700	1,400	1,300	29	26	20	50,000	36,000	26,000
Monroe	5,900	5,000	5,000	5,500	4,400	4,500	25	23	23	135,000	100,000	104,000
Polk	1,600	1,000	1,300	1,300	700	1,000	27	21	16	35,000	15,000	16,000
Rhea	2,100	1,400	1,200	1,700	1,200	700	32	23	18	55,000	27,000	12,500
Sevier	600	[1]	[1]	400	[1]	[1]	30	[1]	[1]	12,000	[1]	[1]
Other Counties	500	1,200	1,100	300	600	900	30	23	23	9,000	14,000	20,500
District 6	30,000	25,000	24,000	25,000	19,000	19,000	28	23	21	700,000	440,000	400,000
State	1,500,000	1,470,000	1,300,000	1,460,000	1,420,000	1,250,000	31	25	23	45,260,000	35,500,000	28,750,000

[1]Less than 500 acres planted for all purposes, combined with other counties.

TOBACCO

Tobacco growers, especially burley, faced unfavorable weather conditions in 1987 for the second consecutive year. Generally hot, dry summer weather coupled with poor fall curing conditions reduced potential yields and quality. Despite these factors, total production was up 5 percent due to improved burley yields and slightly more acreage. Total acreage harvested in 1987 was 49,440, compared with the record low 49,240 the year before. Tennessee's 1987 tobacco crop was valued at $135.4 million and ranked as the fourth leading crop. The average price farmers received for tobacco was $1.551 per pound, up 2.7 cents from last year's average.

Burley producers grew 43,000 acres or an additional 10 percent above 1986. This was to offset undermarketings from the 1986 weather reduced crop. Dark tobacco producers, faced with sharp allotment cuts, trimmed acreage back 37 percent.

Burley yields, although disappointing, were improved from 1986. The average yield for 1987 was 1,705 pounds, up 115 pounds from 1986. Tennessee burley yields averaged 1,895 pounds per acre for the past 5 years. The best yield of the past five years was 2,185 pounds in 1982 while the poorest was 1,590 in 1986. Dark tobacco yields were about average.

Burley tobacco production totaled 73.3 million pounds and accounted for 84 percent of Tennessee's 1987 tobacco production. Dark fire-cured production amounted to 13.0 million pounds. The remainder, 960,000 pounds, was dark air-cured tobacco.

ALL TOBACCO: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE 1978-87

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1978	66,850	2,126	142,099	1.193	179,185
1979	60,090	1,745	104,829	1.376	144,275
1980	64,760	1,728	111,931	1.611	180,221
1981	78,650	2,053	161,463	1.776	286,789
1982	82,610	2,156	178,117	1.723	306,830
1983	72,910	1,621	118,197	1.797	212,428
1984	74,990	2,062	154,646	1.792	277,133
1985	61,710	2,065	127,403	1.571	200,189
1986	49,240	1,682	82,821	1.524	126,202
1987	49,440	1,766	87,291	1.551	135,421

AIR-CURED TOBACCO: Farm Marketings, By Months, Tennessee, 1978-87[1]

Crop Year	Year Of Production		Following Year	
	Nov.	Dec.	Jan.	Feb.
	Percent			
1978	51	34	15	0
1979	61	26	13	0
1980	30	62	7	1
1981	33	55	11	1
1982	41	45	14	0
1983	42	42	15	1
1984	50	37	14	0
1985	26	67	5	2
1986	29	61	10	0
1987	31	55	14	0

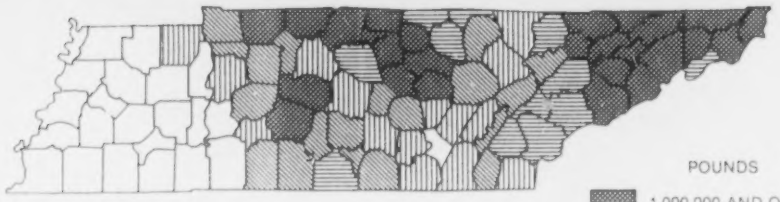
[1]Includes Type 31 (Burley) and Type 35 (Dark Air-Cured).

FIRE-CURED TOBACCO: Farm Marketings, By Months, Tennessee, 1978-87[1]

Crop Year	Following Year			
	Jan.	Feb.	Mar.	Apr.
	Percent			
1978	1	47	43	9
1979	11	57	32	0
1980	8	42	50	0
1981	17	72	11	0
1982	24	68	8	0
1983	12	71	17	0
1984	10	59	31	0
1985	28	46	26	0
1986	40	50	10	0
1987	46	50	4	0

[1]Includes Type 22 (Eastern Dark) and Type 23 (Western Dark)

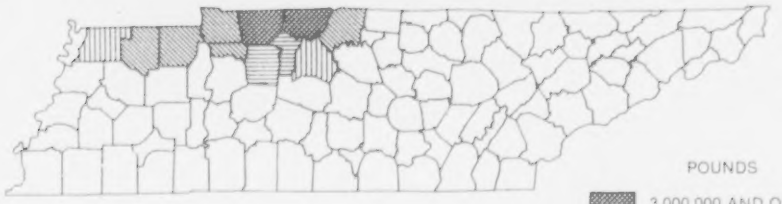
BURLEY TOBACCO: 1987 PRODUCTION



TOP FIVE COUNTIES	
1. GREENE	7,180,000
2. CLAIBORNE	4,135,000
3. HAWKINS	3,700,000
4. SUMNER	3,655,000
5. WASHINGTON	3,380,000

POUNDS
- 1,000,000 AND OVER
- 500,000-999,999
- 100,000-499,999
- UNDER 100,000
- NO PRODUCTION

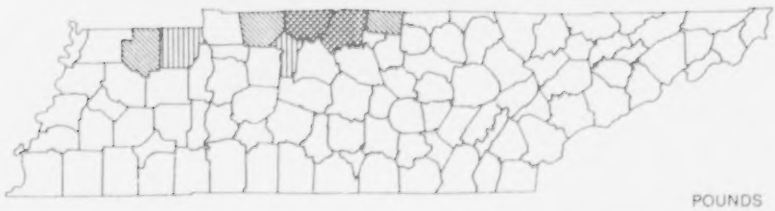
DARK FIRE-CURED TOBACCO: 1987 PRODUCTION



TOP FIVE COUNTIES	
1. ROBERTSON	4,960,000
2. MONTGOMERY	3,200,000
3. CHEATHAM	1,227,000
4. DICKSON	1,183,000
5. STEWART	900,000

POUNDS
- 3,000,000 AND OVER
- 1,000,000-2,999,999
- 50,000-999,999
- UNDER 50,000
- NO PRODUCTION

DARK AIR-CURED TOBACCO: 1987 PRODUCTION



TOP FIVE COUNTIES	
1. ROBERTSON	523,000
2. SUMNER	270,000
3. MACON	74,000
4. WEAKLEY	35,000
5. MONTGOMERY	29,000

POUNDS
- 100,000 AND OVER
- 20,000-99,999
- UNDER 20,000
- NO PRODUCTION

TOBACCO, TYPE 22, EASTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1978-87

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1978	14,200	1,910	27,122	1.138	30,865
1979	11,800	1,765	20,827	1.167	24,305
1980	10,600	1,745	18,497	1.436	26,562
1981	11,300	1,565	17,685	1.645	29,092
1982	12,200	2,040	24,888	1.568	39,024
1983	10,800	1,540	16,632	1.844	30,669
1984	11,800	2,210	26,078	1.540	40,160
1985	10,800	2,210	23,868	1.522	36,327
1986	8,800	2,025	17,820	1.436	25,590
1987	5,500	2,170	11,935	1.559	18,607

TOBACCO, TYPE 23, WESTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1978-87

1978	850	1,620	1,377	1.050	1,446
1979	690	1,710	1,180	1.124	1,326
1980	560	1,610	902	1.181	1,065
1981	650	1,590	1,034	1.466	1,516
1982	810	2,055	1,665	1.411	2,349
1983	810	1,355	1,098	1.809	1,986
1984	890	2,205	1,962	1.635	3,208
1985	810	2,180	1,766	1.450	2,561
1986	680	2,275	1,547	1.459	2,257
1987	460	2,350	1,081	1.505	1,627

TOBACCO, TYPE 31 BURLEY: ACREAGE, YIELD, PRODUCTION AND VALUE, 1978-87

1978	50,000	2,200	110,000	1.302	143,220
1979	46,000	1,745	80,270	1.440	115,589
1960	52,000	1,725	89,700	1.658	148,723
1981	65,000	2,155	140,075	1.802	252,415
1982	68,000	2,185	148,580	1.761	261,649
1983	60,000	1,640	98,400	1.794	176,530
1984	61,000	2,030	123,830	1.858	230,076
1985	49,000	2,030	99,470	1.591	158,257
1986	39,000	1,590	62,010	1.557	96,550
1987	43,000	1,705	73,315	1.553	113,858

TOBACCO, TYPE 35, DARK AIR-CURED: ACREAGE, YIELD, PRODUCTION AND VALUE 1978-87

1978	1,800	2,000	3,600	1.015	3,654
1979	1,600	1,595	2,552	1.197	3,055
1980	1,600	1,770	2,832	1.367	3,871
1981	1,700	1,570	2,669	1.411	3,766
1982	1,600	1,865	2,984	1.276	3,808
1983	1,300	1,590	2,067	1.569	3,243
1984	1,300	2,135	2,776	1.329	3,689
1985	1,100	2,090	2,299	1.324	3,044
1986	760	1,900	1,440	1.250	1,805
1987	480	2,000	960	1.384	1,329

BURLEY TOBACCO—TYPE 31: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1978-87[1]

Crop Year	November	December	January[2]	February[2]	Marketing Year Average Price
		Dollars Per Pound			
1978	1.313	1.300	1.265	—	1.302
1979	1.429	1.465	1.440	—	1.440
1980	1.650	1.660	1.655	1.645	1.658
1981	1.795	1.805	1.815	—	1.802
1982	1.783	1.747	1.740	1.760	1.761
1983	1.829	1.789	1.710	1.660	1.794
1984	1.856	1.863	1.849	—	1.858
1985	1.596	1.592	1.576	1.548	1.591
1986	1.566	1.563	1.490	—	1.557
1987	1.575	1.569	1.440	—	1.553

[1]Crop Market Season is November through February of the following year.
[2]Following year.

TOBACCO: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Acreage Harvested			Yield[1] Pounds Per Acre			Production In Pounds		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
				Eastern Dark-Fired (Type 22)					
Cheatham	1,280	1,100	1,200	2,125	1,450	2,285	2,717,000	1,594,000	2,743,000
Dickson	1,210	1,060	1,140	1,990	1,435	2,100	2,408,000	1,521,000	2,393,000
Houston	129	154	180	1,970	1,390	2,070	254,300	214,000	372,700
Montgomery	3,250	2,910	3,190	1,890	1,415	2,090	6,144,000	4,124,000	6,673,000
Robertson	5,250	4,500	4,935	2,120	1,730	2,360	11,119,000	7,788,000	11,651,000
Stewart	815	785	865	2,160	1,265	2,015	1,762,000	994,000	1,741,000
Davidson	115	108	79	1,750	1,035	1,505	201,300	112,000	119,000
Sumner	150	180	208	1,870	1,555	1,815	280,500	280,100	377,000
Other Counties	1	3	3	1,900	1,635	2,765	1,900	4,900	8,300
STATE	12,200	10,800	11,800	2,040	1,540	2,210	24,888,000	16,632,000	26,078,000
				Western Dark-Fired (Type 23)					
Obion	[2]	8	13	[2]	1,475	2,545	[2]	11,800	33,100
Henry	660	650	717	2,110	1,365	2,255	1,392,000	888,000	1,616,000
Weakley	150	152	160	1,820	1,305	1,955	273,000	198,200	312,900
STATE	810	810	890	2,055	1,355	2,205	1,665,000	1,098,000	1,962,000
				Dark Air-Cured (Type 35)					
Obion	8	7	8	1,815	1,255	1,040	14,500	8,800	8,300
Henry	17	11	12	2,045	1,180	2,340	34,800	13,000	28,100
Weakley	61	48	39	2,265	1,525	2,220	138,200	73,100	86,500
Cheatham	12	9	[3]	2,265	2,000	[3]	27,200	18,000	[3]
Montgomery	49	38	41	1,695	1,535	2,065	83,100	58,400	84,600
Robertson	835	665	656	1,940	1,665	2,260	1,618,000	1,106,000	1,483,000
Stewart	9	7	7	1,755	820	1,855	15,800	5,750	13,000
Davidson	2	4	[3]	2,300	525	[3]	4,600	2,100	[3]
Macon	126	90	95	1,860	1,480	2,140	234,300	133,000	203,500
Sumner	480	420	432	1,690	1,545	1,940	812,000	648,000	838,500
Other Counties	1	1	10	1,500	850	3,050	1,500	850	30,500
STATE	1,600	1,300	1,300	1,865	1,590	2,135	2,984,000	2,067,000	2,776,000
				Burley (Type 31)					
Cheatham	210	170	200	1,950	1,225	2,185	409,300	208,600	436,500
Dickson	130	165	170	2,150	1,100	1,815	279,200	181,400	308,500
Hickman	295	260	255	1,810	1,435	1,815	534,300	373,100	463,000
Houston	105	115	115	1,750	1,170	1,960	184,000	134,400	225,500
Humphreys	15	28	19	1,975	1,200	1,715	29,600	33,600	32,600
Lawrence	315	325	335	1,775	1,375	1,900	559,300	446,200	636,000
Lewis	58	95	85	1,845	1,265	1,710	106,900	120,100	145,500
Montgomery	1,410	1,180	1,280	2,000	1,415	2,035	2,820,000	1,669,000	2,602,000
Robertson	1,470	1,230	1,300	2,150	1,570	2,235	3,157,000	1,934,000	2,908,000
Stewart	390	355	380	1,875	1,185	1,955	730,800	420,800	742,000
District 3	4,398	3,923	4,139	2,005	1,405	2,055	8,810,400	5,521,200	8,499,600
Bedford	185	320	320	2,160	1,105	1,640	399,600	353,800	524,000
Cannon	255	315	300	2,310	1,355	2,020	589,100	426,500	606,000
Clay	895	875	800	1,880	1,480	1,860	1,682,000	1,296,000	1,489,000
Davidson	125	85	91	1,870	1,475	2,120	233,800	125,200	193,000
DeKalb	1,250	1,100	1,050	1,780	1,385	1,865	2,225,000	1,525,000	1,960,000
Giles	500	580	550	2,150	1,260	1,875	1,075,000	730,700	1,030,000
Jackson	1,490	1,010	1,220	1,885	1,535	2,000	2,810,000	1,549,000	2,437,000
Lincoln	895	815	840	2,055	1,110	2,010	1,838,000	906,000	1,689,000
Macon	2,360	2,310	2,400	2,210	1,485	2,165	5,219,000	3,433,000	5,201,000
Marshall	815	550	580	1,940	1,505	2,080	1,582,000	828,800	1,205,000
Maury	2,570	2,310	2,200	2,190	1,510	1,950	5,627,000	3,492,000	4,295,000
Moore	215	330	340	1,855	1,105	2,045	398,300	363,900	695,000
Rutherford	155	135	145	1,910	1,655	2,015	296,200	223,500	292,000
Smith	2,430	2,140	2,230	2,250	1,560	2,300	5,471,000	3,334,000	5,125,000
Sumner	3,580	2,890	3,160	2,195	1,265	2,115	7,850,000	3,654,000	6,679,000
Trousdale	1,390	1,350	1,390	2,140	1,235	2,235	2,973,000	1,664,000	3,106,000
Williamson	1,780	1,510	1,510	2,200	1,595	2,150	3,917,000	2,409,000	3,248,000
Wilson	1,430	1,250	1,200	2,030	1,210	2,155	2,900,000	1,514,000	2,585,000
District 4	22,320	19,875	20,326	2,110	1,400	2,085	47,086,000	27,828,400	42,359,000

TOBACCO: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Acreage Harvested			Yield[1] Pounds Per Acre			Production In Pounds		
	1982	1983	1984	1982	1983	1984	1982	1983	1984
				Burley (Type 31)					
Bledsoe	[3]	12	[3]	[3]	1,500	[3]	[3]	18,000	[3]
Coffee	14	36	30	1,730	1,040	1,600	24,200	37,400	48,000
Cumberland	230	270	230	2,025	1,805	1,580	465,800	487,800	363,500
Fentress	225	250	220	1,955	1,645	1,795	440,200	411,500	395,000
Franklin	185	220	240	1,985	1,180	1,780	367,100	259,700	427,500
Grundy	[3]	9	10	[3]	1,235	1,350	[3]	11,100	13,500
Marion	[3]	7	[3]	[3]	1,180	[3]	[3]	8,250	[3]
Morgan	76	72	60	1,960	1,805	1,610	148,800	129,900	96,500
Overton	480	510	460	1,930	1,600	1,790	925,300	816,400	824,000
Pickett	445	515	450	2,255	1,650	1,815	1,003,000	848,700	817,000
Putnam	1,320	1,120	1,170	2,195	1,565	1,850	2,895,000	1,752,000	2,163,000
Scott	22	30	23	1,765	1,500	1,710	38,800	45,000	39,300
Van Buren	41	50	45	1,800	1,730	1,790	73,900	86,500	80,600
Warren	295	340	310	1,760	1,190	1,585	519,500	405,000	491,000
White	940	855	810	2,035	1,440	1,965	1,912,000	1,230,000	1,590,000
District 5	4,273	4,296	4,058	2,065	1,525	1,810	8,813,600	6,547,250	7,348,900
Anderson	190	240	250	2,100	1,800	2,010	398,700	432,200	502,000
Blount	700	905	825	2,120	1,540	1,920	1,483,000	1,394,000	1,582,000
Bradley	60	68	150	1,940	1,660	2,000	116,500	112,800	300,000
Campbell	530	465	510	2,285	1,805	1,965	1,211,000	839,300	1,002,000
Carter	1,370	1,420	1,300	2,160	1,840	1,880	2,960,000	2,614,000	2,446,000
Claiborne	2,760	2,340	2,700	2,355	1,890	2,100	6,501,000	4,425,000	5,673,000
Cocke	1,900	1,770	1,740	2,190	1,590	1,855	4,161,000	2,811,000	3,228,000
Grainger	1,680	1,300	1,600	2,315	1,945	2,070	3,889,000	2,526,000	3,312,000
Greene	6,380	4,550	4,850	2,270	1,840	1,965	14,496,000	8,368,000	9,538,000
Hamblen	1,150	870	940	2,490	2,070	2,120	2,861,000	1,801,000	1,994,000
Hamilton	[3]	8	12	[3]	1,325	2,100	[3]	10,600	25,200
Hancock	1,420	1,360	1,390	2,300	1,630	1,980	3,269,000	2,214,000	2,754,000
Hawkins	3,250	2,280	2,420	2,355	1,980	2,075	7,656,000	4,519,000	5,021,000
Jefferson	1,560	1,180	1,250	2,265	1,965	2,320	3,535,000	2,321,000	2,897,000
Johnson	1,370	1,530	1,300	2,545	1,935	1,945	3,485,000	2,957,000	2,526,000
Knox	785	935	730	2,205	1,505	1,910	1,730,000	1,406,000	1,395,000
Loudon	760	810	700	2,140	1,480	2,065	1,628,000	1,198,000	1,445,000
McMinn	910	1,090	1,000	1,985	1,570	1,815	1,807,000	1,710,000	1,814,000
Meigs	355	290	290	2,130	1,765	1,995	755,700	512,400	578,500
Monroe	1,230	1,160	1,180	1,910	1,645	1,770	2,352,000	1,906,000	2,087,000
Polk	[3]	27	27	[3]	1,495	1,580	[3]	40,400	42,600
Rhea	30	52	52	2,085	1,700	2,030	62,500	88,400	105,500
Roane	380	365	365	1,845	1,590	1,925	700,800	580,500	702,000
Sevier	1,530	1,390	1,500	2,230	1,835	2,145	3,413,000	2,553,000	3,221,000
Sullivan	2,150	1,910	1,670	2,150	2,025	2,000	4,618,000	3,863,000	3,336,000
Unicoi	550	595	540	2,485	2,140	2,085	1,368,000	1,272,000	1,127,000
Union	985	785	850	2,205	1,840	2,120	2,172,000	1,443,000	1,803,000
Washington	3,010	2,210	2,310	2,395	2,075	2,215	7,212,000	4,584,000	5,122,000
District 6	36,995	31,905	32,451	2,265	1,835	2,020	83,841,200	58,501,600	65,578,800
Other Counties	14	1	26	2,055	1,550	1,680	28,800	1,550	43,700
State (Burley)	68,000	60,000	61,000	2,185	1,640	2,030	148,580,000	98,400,000	123,830,000
State Total (All Tobacco)	82,610	72,910	74,990	2,156	1,621	2,062	178,117,000	118,197,000	154,646,000

[1]Yield derived to nearest 5 pounds, except all tobacco to nearest pound.
[2]Less than one acre.
[3]Combined with other counties.

TOBACCO: Acreage, Yield and Production—By Counties for 1985, 1986, and Preliminary 1987

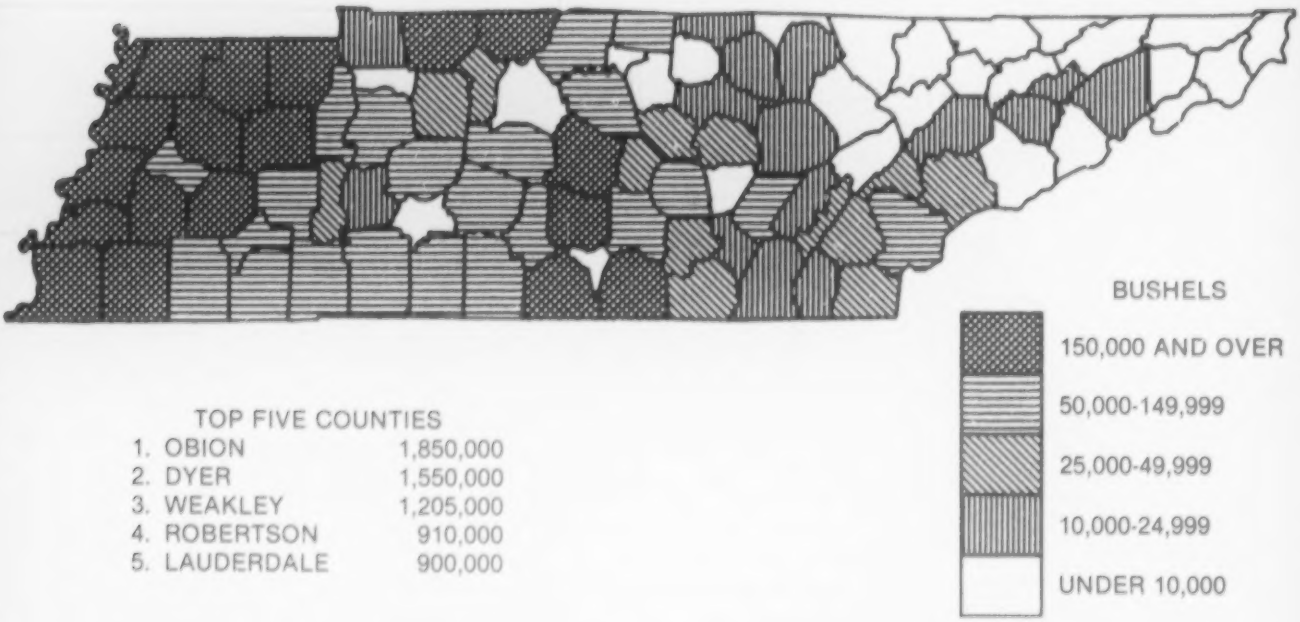
District and County	Acreage Harvested			Yield[1] Pounds Per Acre			Production In Pounds		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
Eastern Dark-Fired (Type 22)									
Cheatham	1,100	835	565	2,360	2,125	2,170	2,595,000	1,775,000	1,227,000
Dickson	1,040	885	540	2,350	1,965	2,190	2,446,000	1,740,000	1,183,000
Houston	170	145	100	2,235	1,830	2,000	379,800	265,000	200,000
Montgomery	2,930	2,410	1,480	2,075	1,865	2,160	6,079,000	4,500,000	3,200,000
Robertson	4,485	3,660	2,255	2,255	2,120	2,200	10,115,000	7,760,000	4,960,000
Stewart	800	685	425	2,115	2,110	2,120	1,692,000	1,445,000	900,000
Davidson	95	56	43	1,855	1,745	1,575	176,000	97,780	67,700
Sumner	175	123	90	2,150	1,910	2,155	376,000	235,000	194,000
Other Counties	5	1	2	1,840	2,220	1,650	9,200	2,220	3,300
STATE	10,800	8,800	5,500	2,210	2,025	2,170	23,868,000	17,820,000	11,935,000
Western Dark-Fired (Type 23)									
Obion	9	5	6	2,210	2,800	2,335	19,900	14,000	14,000
Henry	654	569	370	2,265	2,275	2,335	1,481,000	1,295,000	864,000
Weakley	147	106	84	1,805	2,245	2,415	265,100	238,300	203,000
STATE	810	680	460	2,180	2,275	2,350	1,766,000	1,547,000	1,081,000
Dark Air-Cured (Type 35)									
Henry	10	8	5	1,970	1,815	1,960	19,700	14,500	9,800
Weakley	40	24	15	2,090	2,250	2,335	83,500	54,000	35,000
Cheatham	[2]	7	5	[2]	2,355	2,800	[2]	16,500	14,000
Montgomery	31	23	14	1,855	1,850	2,070	57,500	42,500	29,000
Robertson	556	410	263	2,175	1,920	1,990	1,208,000	787,000	523,000
Macon	85	50	34	2,085	2,060	2,175	177,300	103,000	74,000
Sumner	357	230	142	1,985	1,790	1,900	709,000	412,000	270,000
Other Counties	21	8	2	2,095	1,815	2,600	44,000	14,500	5,200
State	1,100	760	480	2,090	1,900	2,000	2,299,000	1,444,000	960,000
Burley (Type 31)									
Cheatham	125	115	135	1,920	1,785	1,860	240,000	205,000	251,000
Dickson	107	95	110	1,820	1,455	1,635	195,000	138,000	180,000
Hickman	165	100	110	1,860	1,500	1,575	307,000	150,000	173,000
Houston	70	55	64	1,930	1,580	1,690	135,000	87,000	108,000
Humphreys	21	11	16	1,940	1,545	1,625	40,700	17,000	26,000
Lawrence	215	145	176	1,815	1,450	1,815	390,000	210,000	319,000
Lewis	44	39	44	1,930	1,565	1,660	85,000	61,000	73,000
Montgomery	890	785	865	2,055	1,655	1,900	1,830,000	1,300,000	1,644,000
Robertson	935	855	905	2,065	1,745	1,970	1,930,000	1,490,000	1,785,000
Stewart	285	250	245	1,825	1,610	1,595	520,000	402,000	391,000
District 3	2,857	2,450	2,670	1,985	1,655	1,855	5,672,700	4,060,000	4,950,000
Bedford	318	190	175	1,700	1,420	1,370	540,000	270,000	240,000
Cannon	255	170	190	2,000	1,410	1,510	510,000	240,000	287,000
Clay	615	490	560	1,935	1,550	1,650	1,190,000	760,000	925,000
Davidson	77	60	60	2,080	1,385	1,535	160,000	83,000	92,000
DeKalb	710	515	650	2,085	1,535	1,660	1,480,000	790,000	1,080,000
Giles	355	230	280	1,915	1,325	1,555	680,000	305,000	435,000
Jackson	955	680	820	1,895	1,440	1,575	1,810,000	980,000	1,290,000
Lincoln	680	460	500	1,750	1,390	1,500	1,190,000	640,000	750,000
Macon	1,740	1,450	1,710	2,100	1,730	1,805	3,650,000	2,510,000	3,085,000
Marshall	440	330	345	2,070	1,410	1,420	910,000	465,000	490,000
Maury	1,690	1,300	1,450	1,925	1,430	1,520	3,250,000	1,860,000	2,205,000
Moore	285	195	240	2,005	1,490	1,625	571,000	290,000	390,000
Rutherford	105	70	70	1,800	1,315	1,370	189,000	92,000	96,000
Smith	1,470	1,230	1,460	2,240	1,710	1,665	3,290,000	2,100,000	2,430,000
Sumner	2,370	1,910	2,000	2,015	1,470	1,830	4,780,000	2,810,000	3,655,000
Trousdale	825	730	890	2,180	1,725	1,905	1,800,000	1,260,000	1,695,000
Williamson	1,120	880	840	2,105	1,630	1,825	2,360,000	1,435,000	1,535,000
Wilson	1,040	610	660	2,040	1,475	1,440	2,120,000	900,000	950,000
District 4	15,050	11,500	12,900	2,025	1,545	1,675	30,480,000	17,790,000	21,630,000

TOBACCO: Acreage, Yield and Production—By Counties for 1985, 1986, and Preliminary 1987

District and County	Acreage Harvested			Yield[1] Pounds Per Acre			Production In Pounds		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
				Burley (Type 31)					
Coffee	22	15	16	2,225	1,605	1,625	49,000	24,100	26,000
Cumberland	180	130	135	1,860	1,425	1,675	335,000	185,000	226,000
Fentress	182	130	170	1,785	1,385	1,825	325,000	180,000	310,000
Franklin	160	105	120	1,780	1,410	1,515	285,000	148,000	182,000
Grundy	11	7	8	1,820	1,345	1,515	20,000	9,400	12,100
Morgan	45	37	43	1,980	1,570	1,800	89,000	58,000	77,400
Overton	335	245	310	2,015	1,655	1,760	675,000	405,000	545,000
Pickett	390	280	390	1,925	1,610	1,845	751,000	450,000	720,000
Putnam	760	590	680	2,195	1,560	1,800	1,670,000	920,000	1,225,000
Scott	19	15	13	1,895	1,465	1,540	36,000	22,000	20,000
Van Buren	35	27	27	1,855	1,335	1,395	65,000	36,000	37,700
Warren	205	150	154	1,900	1,465	1,410	390,000	220,000	217,000
White	660	538	600	2,030	1,675	1,725	1,340,000	900,000	1,035,000
District 5	3,004	2,269	2,666	2,005	1,570	1,740	6,030,000	3,557,500	4,633,200
Anderson	182	130	135	2,035	1,655	1,630	370,000	215,000	220,000
Blount	670	510	460	1,880	1,560	1,545	1,260,000	795,000	710,000
Bradley	120	95	87	1,960	1,525	1,450	235,000	145,000	126,000
Campbell	415	335	440	1,915	1,495	1,555	795,000	500,000	685,000
Carter	1,040	720	770	1,855	1,470	1,525	1,930,000	1,060,000	1,175,000
Claiborne	2,200	1,850	2,180	2,085	1,785	1,895	4,590,000	3,300,000	4,135,000
Cocke	1,550	1,170	1,270	2,015	1,495	1,745	3,120,000	1,750,000	2,215,000
Grainger	1,300	1,120	1,210	2,115	1,855	1,870	2,750,000	2,075,000	2,260,000
Greene	4,850	3,850	4,160	2,030	1,470	1,725	9,840,000	5,650,000	7,180,000
Hamblen	880	740	814	2,225	1,755	1,745	1,960,000	1,300,000	1,420,000
Hamilton	12	16	[2]	2,000	1,765	[2]	24,000	28,200	[2]
Hancock	1,010	900	1,070	2,160	1,620	1,905	2,180,000	1,460,000	2,040,000
Hawkins	2,300	1,910	2,130	2,115	1,570	1,735	4,870,000	3,000,000	3,700,000
Jefferson	1,250	1,100	1,130	2,030	1,865	1,675	2,540,000	2,050,000	1,890,000
Johnson	1,150	910	1,090	2,010	1,735	1,585	2,310,000	1,580,000	1,730,000
Knox	610	440	440	1,850	1,615	1,595	1,130,000	710,000	702,000
Loudon	570	440	440	1,945	1,525	1,535	1,110,000	670,000	675,000
McMinn	670	580	590	1,925	1,605	1,580	1,290,000	930,000	931,000
Meigs	195	195	190	2,020	2,050	1,595	394,000	400,000	303,000
Monroe	880	660	640	1,840	1,415	1,520	1,620,000	935,000	973,000
Polk	23	13	9	1,915	1,560	1,555	44,000	20,300	14,000
Rhea	43	36	34	1,930	1,765	1,610	83,000	63,500	54,800
Roane	240	265	235	2,000	1,804	1,520	480,000	478,000	357,000
Sevier	1,200	960	910	2,060	1,615	1,625	2,470,000	1,550,000	1,480,000
Sullivan	1,420	960	1,160	1,970	1,565	1,580	2,800,000	1,500,000	1,830,000
Unicoi	450	390	400	2,055	1,460	1,475	925,000	570,000	590,000
Union	780	620	690	1,985	1,595	1,875	1,550,000	990,000	1,295,000
Washington	2,060	1,850	2,060	2,225	1,540	1,640	4,580,000	2,850,000	3,380,000
District 6	28,070	22,765	24,744	2,040	1,605	1,700	57,250,000	36,575,000	42,070,800
Other Counties	19	16	20	1,965	1,720	1,550	37,300	27,500	31,000
State Total (Burley)	49,000	39,000	43,000	2,030	1,590	1,705	99,470,000	62,010,000	73,315,000
State Total (All Tobacco)	61,710	49,240	49,440	2,065	1,682	1,766	127,403,000	82,821,000	87,291,000

[1]Yield derived to nearest 5 pounds, except all tobacco to nearest pound.
[2]Combined with other counties.

WHEAT



TOP FIVE COUNTIES

1.	OBION	1,850,000
2.	DYER	1,550,000
3.	WEAKLEY	1,205,000
4.	ROBERTSON	910,000
5.	LAUDERDALE	900,000

Wheat seeding conditions in the Fall of 1986 were too dry, but quickly became too wet. This prevented producers from carrying out all their 1987 crop planting intentions. By the third week of November 1986, 25 percent of the wheat crop remained to be seeded because of wet fields. Heavy rains continued through December and prevented about half of the remaining acreage from being seeded. Final seeded acreage amounted to 440,000 acres, 60,000 less than intended.

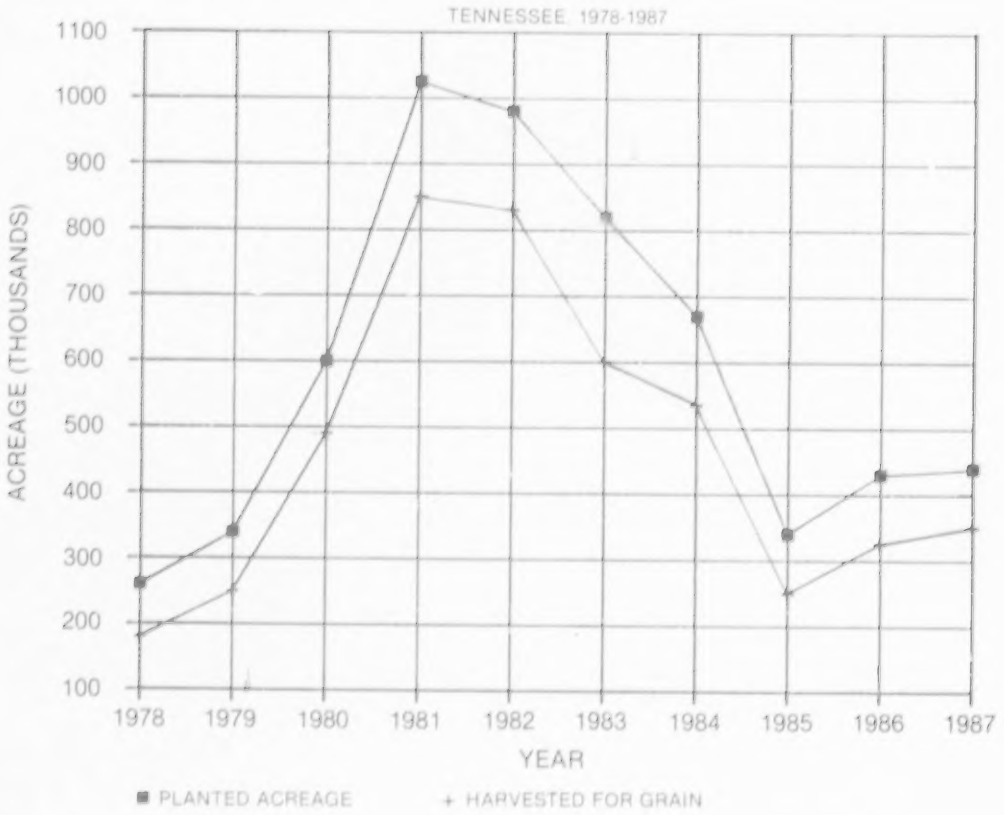
Spring growing conditions were very favorable. Wheat growers harvested some of the highest yields on record. Tennessee's average wheat yield was 41 bushels per acre, second only to the bountiful 44 bushels per acre in 1981. Total wheat production resulting from this 41 bushels per acre crop and 350,000 harvested acres was 14.35 million bushels, an increase of 34 percent from a year earlier.

The 1987 wheat crop was valued at 37.3 million dollars. The market year average price received by farmers was $2.60 per bushel, up 10 cents from last year but significantly less than the $3.00 to $3.80 price range of the early 1980's.

WHEAT: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price	Value of Production
	1,000		Bushels	1,000 Bu.	Dollars Per Bushel	1,000 Dollars
1978	260	180	35.0	6,300	2.90	18,270
1979	340	250	34.0	8,500	3.80	32,300
1980	600	490	38.0	18,620	3.80	70,756
1981	1,025	850	44.0	37,400	3.50	130,900
1982	980	830	36.0	29,880	3.00	89,640
1983	820	600	33.0	19,800	3.30	65,340
1984	670	535	40.0	21,400	3.30	70,620
1985	340	250	32.0	8,000	3.00	24,000
1986	430	325	33.0	10,725	2.50	26,813
1987	440	350	41.0	14,350	2.60	37,310

WHEAT: PLANTED AND HARVESTED ACREAGE



WHEAT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1978-87

Crop Year	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb..	Mar.	Apr.	May	Marketing Year Average[1]
						DOLLARS PER BUSHEL							
1978	2.80	2.90	2.95	3.00	3.00	3.15	3.15	3.15	3.15	3.30	3.30	3.40	2.90
1979	3.70	3.90	3.80	3.80	3.85	3.80	3.95	3.90	4.00	4.00	3.75	3.85	3.80
1980	3.65	3.70	3.90	4.15	4.40	4.50	4.40	4.50	4.40	4.20	4.20	4.00	3.80
1981	3.60	3.10	3.30	3.30	3.50	3.60	3.50	3.60	3.50	3.40	3.50	3.40	3.50
1982	3.00	3.10	3.00	3.00	2.90	3.00	2.90	2.70	3.20	3.15	3.25	3.35	3.00
1983	3.20	3.30	3.70	3.50	3.50	3.40	3.40	3.50	3.30	3.55	3.70	3.55	3.30
1984	3.30	3.30	3.35	3.35	3.35	3.50	3.45	3.50	3.50	3.50	3.60	3.20	3.30
1985	3.10	3.00	2.60	2.50	2.65	3.00	3.10	2.00	3.05	3.05	2.90	2.75	3.00
1986	2.50	2.50	2.40	2.35	2.50	2.65	2.70	2.75	2.55	2.50	2.40	2.75	2.50
1987	2.60	2.40	2.40	2.55	2.70	2.70	2.80	2.95	3.00				2.60[2]

[1]Marketing year is June 1 of the current year through May 31 of the following year.
[2]Preliminary based on the first nine months of the marketing year.

WHEAT: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Acres						Bushels					
Dyer	83,000	68,500	55,500	78,000	54,500	47,500	38	35	40	2,997,000	1,915,000	1,915,000
Lake	38,000	27,800	15,000	35,000	23,000	13,000	42	38	42	1,459,000	878,000	547,000
Lauderdale	55,000	46,500	33,000	48,000	36,600	26,500	39	37	40	1,875,000	1,360,000	1,065,000
Obion	88,000	58,500	54,000	80,000	50,500	47,000	42	34	43	2,758,000	1,724,000	2,035,000
Shelby	20,000	15,000	16,000	19,000	15,900	14,000	36	35	42	686,000	559,000	589,000
Tipton	48,000	43,700	29,000	40,000	30,500	16,000	37	38	40	1,560,000	1,154,000	640,000
District 1	312,000	264,000	194,500	297,000	211,000	164,000	40	36	41	11,337,000	7,600,000	6,791,000
Benton	3,000	1,500	3,500	2,000	1,100	3,000	30	27	35	60,000	29,300	106,000
Carroll	17,500	14,000	13,500	15,000	11,100	13,000	32	33	39	487,000	365,000	508,000
Chester	10,200	12,100	10,500	9,000	9,400	9,000	31	27	32	279,000	258,000	290,000
Crockett	24,700	17,900	12,500	21,000	12,400	8,700	40	32	44	845,000	402,000	383,000
Decatur	3,000	5,100	3,900	2,500	3,400	2,800	29	27	38	57,000	91,500	107,000
Fayette	28,000	24,000	15,500	26,000	19,100	13,000	34	34	40	878,000	613,000	522,000
Gibson	60,000	46,000	44,500	54,000	34,200	26,500	38	35	42	2,047,000	1,190,000	1,205,000
Hardeman	15,000	10,400	6,000	10,000	7,500	5,000	34	34	37	339,000	254,000	185,000
Hardin	11,000	11,400	4,400	10,000	8,600	2,400	30	28	32	302,000	182,000	76,800
Haywood	25,500	19,500	13,000	23,000	15,600	12,100	39	34	44	886,000	528,000	534,000
Henderson	10,200	8,500	5,900	9,000	8,000	6,000	30	33	36	269,000	197,000	216,000
Henry	35,100	18,600	15,300	23,000	14,400	16,000	38	29	45	878,000	422,000	722,000
McNairy	7,200	9,000	5,200	6,500	6,000	5,000	32	32	32	190,000	192,000	160,000
Madison	13,600	10,600	9,100	14,000	8,500	7,700	37	36	38	524,000	305,000	294,000
Weakley	49,000	44,100	33,000	46,000	34,200	31,000	37	34	40	1,704,000	1,160,000	1,490,000
District 2	302,900	253,900	200,800	270,900	186,600	169,200	36	33	40	9,745,000	6,188,800	6,798,800
Cheatham	2,300	2,700	1,900	2,200	1,900	1,400	31	28	41	62,500	52,500	57,400
Dickson	2,400	3,200	1,700	2,300	2,600	1,500	31	30	34	61,000	77,000	51,000
Hickman	4,900	3,800	5,000	3,000	2,700	3,000	25	28	35	75,000	61,000	105,000
Houston	500	700	900	300	400	300	37	28	37	11,000	11,000	11,200
Humphreys	700	900	700	500	800	600	30	28	31	15,000	16,600	18,500
Lawrence	16,500	13,200	10,000	13,500	9,500	5,500	30	30	39	400,000	281,000	215,000
Lewis	800	800	600	800	500	500	41	28	33	24,500	13,800	16,500
Montgomery	17,600	16,700	11,000	16,000	13,600	8,500	38	30	42	604,000	393,000	358,000
Perry	3,100	1,500	900	2,500	1,000	700	36	28	30	89,000	27,600	21,000
Robertson	49,000	35,300	32,100	45,000	28,100	26,000	38	30	42	1,688,000	771,000	1,135,000
Stewart	900	500	900	300	300	400	33	26	35	10,000	7,700	14,000
Wayne	2,500	5,300	7,000	2,300	4,000	6,400	27	27	41	63,000	106,000	263,000
District 3	100,700	86,600	72,800	85,000	67,400	56,800	35	29	41	3,103,000	1,818,200	2,315,600

[1]Less than 500 acres planted for all purposes. Combined with other counties.

WHEAT: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Acres						Bushels					
Bedford	20,500	10,600	8,600	17,000	7,000	6,500	30	30	39	506,000	210,000	255,000
Cannon	3,000	2,900	1,700	2,000	1,700	1,500	33	31	38	66,000	53,000	57,000
Clay	1,500	2,400	1,500	1,000	1,500	1,200	29	29	32	29,000	43,600	38,400
Davidson	1,700	1,100	800	1,400	800	700	26	22	31	37,000	17,600	21,500
DeKalb	2,200	2,500	1,800	2,000	1,700	1,500	29	31	35	58,000	53,000	52,500
Giles	9,500	8,200	6,700	6,500	5,600	5,000	31	28	35	201,000	157,000	175,000
Jackson	600	*	*	500	*	*	30	*	*	15,000	*	*
Lincoln	22,000	10,400	18,500	15,000	6,400	11,200	31	31	33	458,000	199,000	372,000
Macon	2,200	5,000	3,600	2,000	3,800	2,700	28	30	40	55,000	114,000	108,000
Marshall	12,000	6,700	10,700	6,300	3,400	6,300	28	24	37	170,000	77,000	234,000
Maury	15,800	13,400	7,400	12,000	6,900	6,000	28	27	33	332,000	186,000	198,000
Rutherford	14,500	11,000	9,800	11,000	6,600	8,500	29	30	41	314,000	198,000	350,000
Smith	*	800	*	*	400	*	*	31	*	*	12,400	*
Sumner	10,000	9,200	6,600	8,000	6,800	5,900	36	27	40	285,000	184,000	236,000
Trousdale	1,000	1,600	1,100	900	1,200	1,000	27	25	34	24,000	30,200	34,000
Williamson	12,300	14,800	12,000	11,000	10,200	7,600	29	31	36	319,000	317,000	275,000
Wilson	4,200	4,900	6,000	3,000	3,100	4,900	27	30	38	81,000	93,500	164,000
Other Counties	1,000	1,100	1,400	700	600	1,100	31	26	36	22,000	15,700	39,500
District 4	134,000	108,600	98,200	100,000	67,500	71,900	30	29	37	2,972,000	1,961,000	2,610,900
Bledsoe	5,900	5,100	3,700	3,500	3,900	3,000	28	28	40	99,000	109,000	120,000
Coffee	15,800	11,600	12,400	12,000	7,700	7,800	32	31	36	384,000	239,000	282,000
Cumberland	1,200	1,000	1,300	800	700	1,000	37	28	38	30,500	19,600	38,200
Fentress	700	*	*	400	*	*	25	*	*	10,000	*	*
Franklin	25,000	19,100	21,000	22,000	15,200	19,000	34	34	43	748,000	517,000	825,000
Grundy	4,000	1,000	1,000	2,000	700	900	38	30	38	76,000	21,100	34,400
Marion	4,600	1,800	2,100	3,000	1,500	1,900	29	28	34	86,000	42,100	64,600
Morgan	1,000	*	*	600	*	*	28	*	*	16,500	*	*
Overton	1,300	1,000	700	800	700	600	31	36	36	25,000	25,200	21,600
Putnam	700	700	800	500	500	400	30	29	38	15,000	14,500	15,200
Sequatchie	1,400	900	1,200	1,000	700	800	36	31	40	36,000	21,800	32,100
Van Buren	*	600	500	*	400	400	*	30	38	*	12,000	15,200
Warren	13,500	13,000	11,500	8,000	8,100	8,500	31	32	36	245,000	292,000	344,000
White	3,900	3,600	3,200	2,000	2,400	2,800	32	34	41	63,000	82,100	115,000
Other Counties	900	1,000	1,400	600	700	900	28	28	34	17,000	19,600	30,800
District 5	78,000	60,400	60,800	57,000	44,200	49,000	33	32	40	1,841,000	1,415,000	1,938,100
Blount	5,600	5,500	4,600	3,700	3,300	3,500	33	33	41	121,000	108,000	144,000
Bradley	2,100	2,700	2,600	1,000	1,100	1,000	37	33	40	37,000	36,100	40,000
Claiborne	700	500	*	200	300	*	36	31	*	7,100	9,300	*
Cocke	500	600	*	300	500	*	30	34	*	9,000	16,900	*
Grainger	600	600	*	300	300	*	33	29	*	9,800	8,700	*
Greene	3,200	2,900	2,300	1,800	1,500	1,500	28	31	34	50,000	44,700	54,700
Hamblen	1,800	1,500	1,100	1,000	800	800	35	29	40	35,000	23,100	32,000
Hamilton	2,100	1,500	1,200	1,400	800	800	29	30	34	41,000	23,800	27,200
Hawkins	1,100	1,400	800	800	800	900	31	24	39	25,000	19,100	19,500
Jefferson	2,600	2,800	2,500	2,000	1,900	2,000	31	34	40	62,000	64,000	80,000
Knox	900	1,200	900	300	400	400	33	34	44	10,000	13,500	17,600
Loudon	3,000	2,700	2,100	2,000	1,600	1,400	34	34	43	68,000	54,000	60,500
McMinn	8,800	4,700	5,800	2,900	1,600	2,000	32	32	36	91,500	51,000	94,400
Meigs	2,000	2,300	2,900	800	900	1,000	31	34	45	25,000	30,400	45,000
Monroe	6,700	7,900	7,000	4,700	5,000	4,500	32	37	36	148,500	159,000	163,000
Polk	1,700	2,500	3,000	1,400	1,200	1,200	30	27	32	42,000	32,200	38,900
Rhea	2,100	2,700	2,900	1,000	1,100	1,200	30	26	33	30,000	28,400	39,700
Sevier	900	1,300	900	700	800	600	29	32	42	20,000	25,500	25,100
Sullivan	600	*	*	200	*	*	29	*	*	5,700	*	*
Washington	1,800	3,200	600	1,000	1,800	500	29	29	34	28,500	52,000	17,000
Other Counties	1,200	1,400	2,300	500	600	1,100	32	29	36	15,900	17,300	47,000
District 6	50,900	49,400	43,500	28,000	26,300	25,000	32	31	38	882,000	817,000	945,600
State	980,000	820,000	670,000	830,000	600,000	535,000	36	33	40	29,880,000	19,800,000	21,400,000

*Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: Acreage, Yield, and Production—By Counties for 1985, 1986, and Preliminary 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres									Bushels		
Dyer	26,000	35,000	35,000	22,000	32,500	34,000	30	37	46	670,000	1,200,000	1,550,000
Lake	8,000	11,000	16,000	6,000	10,000	15,400	32	41	47	190,000	410,000	730,000
Lauderdale	12,000	14,000	22,000	9,000	12,000	21,200	26	36	42	230,000	430,000	900,000
Obion	19,000	27,000	38,000	16,000	25,000	37,000	30	36	50	480,000	900,000	1,850,000
Shelby	8,000	9,000	9,000	6,500	8,000	8,600	25	41	41	160,000	325,000	350,000
Tipton	7,000	9,000	10,000	5,500	8,500	9,800	25	38	43	140,000	325,000	420,000
District 1	80,000	105,000	130,000	65,000	96,000	126,000	29	37	46	1,870,000	3,590,000	5,800,000
Benton	1,300	1,500	1,700	800	1,300	1,400	35	31	36	28,000	40,000	50,000
Carroll	7,500	7,500	5,900	6,000	6,600	5,600	33	35	44	200,000	230,000	245,000
Chester	3,000	3,300	2,700	2,400	2,700	2,400	33	30	38	80,000	80,000	90,000
Crockett	3,000	3,000	3,100	2,500	2,800	2,800	32	38	46	80,000	105,000	130,000
Decatur	1,400	1,600	1,500	1,000	1,300	1,200	31	27	33	31,000	35,000	40,000
Fayette	8,000	9,100	7,500	6,000	7,200	5,900	28	37	36	170,000	265,000	215,000
Gibson	15,000	25,500	16,700	12,000	21,300	15,300	31	38	44	370,000	800,000	680,000
Hardeman	4,000	4,600	3,500	3,000	3,500	2,800	27	27	38	80,000	95,000	105,000
Hardin	2,500	3,500	3,400	1,300	2,900	2,900	31	31	36	40,000	90,000	105,000
Haywood	4,000	5,000	6,000	3,000	4,300	5,700	33	37	43	100,000	160,000	245,000
Henderson	2,500	2,900	3,000	1,900	2,300	2,500	37	37	38	70,000	85,000	95,000
Henry	7,000	14,000	14,000	6,000	12,500	12,600	32	34	44	190,000	430,000	550,000
McNairy	4,000	5,000	4,000	3,200	4,300	3,700	31	34	36	100,000	145,000	135,000
Madison	3,000	3,500	4,000	2,500	3,000	3,500	36	40	46	90,000	120,000	160,000
Weakley	14,000	25,000	25,000	11,500	23,000	24,700	32	36	49	370,000	820,000	1,205,000
District 2	80,200	115,000	102,000	63,100	99,000	93,000	32	35	44	1,999,000	3,500,000	4,050,000
Cheatham	800	1,000	950	600	800	800	34	32	38	20,500	25,500	30,000
Dickson	900	1,100	1,000	600	800	800	32	29	36	19,000	23,500	29,000
Hickman	1,700	2,200	2,100	1,200	1,500	1,600	29	30	36	35,000	44,500	58,000
Humphreys	*	500	500	*	400	400	*	28	33	*	11,000	13,000
Lawrence	4,000	6,400	5,500	2,400	3,700	3,200	33	22	36	80,000	80,000	116,000
Montgomery	5,000	9,500	11,400	4,000	7,000	9,600	36	29	47	145,000	200,000	450,000
Perry	600	800	650	400	500	500	30	24	32	12,000	12,000	16,000
Robertson	17,000	23,000	26,500	13,900	19,000	21,500	35	34	42	480,000	640,000	910,000
Stewart	*	500	500	*	300	400	*	32	35	*	9,500	14,000
Wayne	3,500	4,200	3,200	2,900	3,600	2,700	35	26	36	100,000	95,000	98,000
Other Counties	1,300	800	700	900	400	500	33	23	32	29,500	9,000	16,000
District 3	34,800	50,000	53,000	26,900	38,000	42,000	34	30	42	921,000	1,150,000	1,750,000

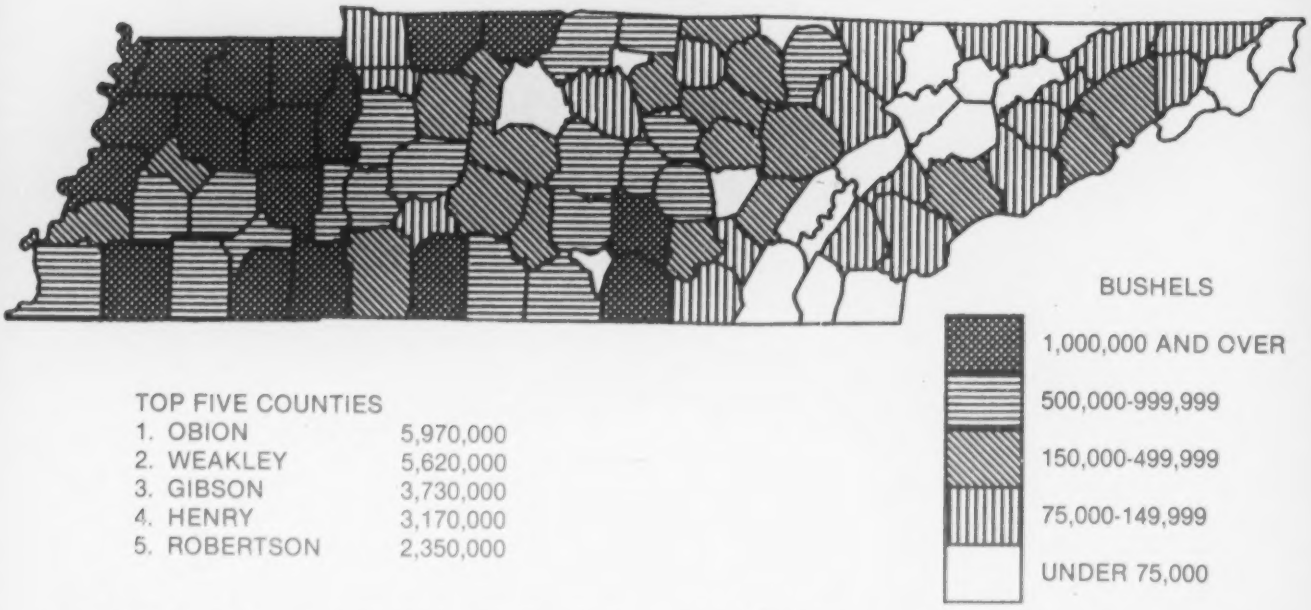
*Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: Acreage, Yield, and Production—By Counties for 1985, 1986, and Preliminary 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres						Bushels					
Bedford	4,700	6,500	8,500	3,300	4,000	5,300	33	26	37	108,000	105,000	195,000
Cannon	1,000	1,300	1,900	700	800	800	31	26	33	22,000	21,000	26,000
Clay	1,000	1,100	900	800	600	500	31	28	30	25,000	17,000	15,000
Davidson	500	500	[1]	400	400	[1]	30	25	[1]	12,000	10,000	[1]
DeKalb	1,500	1,700	2,000	1,000	1,100	1,400	32	24	29	32,000	26,000	40,000
Giles	4,500	4,500	4,700	3,200	2,200	2,100	30	24	28	96,000	52,000	59,000
Lincoln	12,000	14,400	14,500	6,800	8,000	8,100	35	26	28	240,000	210,000	230,000
Macon	2,300	2,800	2,700	1,500	1,700	1,700	35	27	33	53,000	45,000	56,000
Marshall	7,500	8,500	7,200	4,100	4,200	3,200	33	23	29	134,000	95,000	92,000
Maury	5,000	6,000	6,100	4,000	3,600	3,500	29	23	26	115,000	83,000	91,000
Rutherford	7,100	9,100	9,700	5,900	6,000	6,200	32	27	34	187,000	160,000	210,000
Smith	[1]	500	[1]	[1]	350	[1]	[1]	27	[1]	[1]	9,500	[1]
Sumner	4,500	4,700	4,400	3,800	3,800	3,400	32	28	31	120,000	105,000	105,000
Trousdale	500	600	500	350	350	300	29	26	30	10,000	9,000	9,000
Williamson	7,500	7,500	7,300	4,500	4,200	3,900	29	25	31	130,000	105,000	120,000
Wilson	4,500	4,500	4,000	3,000	3,200	2,600	29	23	27	86,000	75,000	70,000
Other Counties	900	800	1,600	650	500	1,000	31	25	32	20,000	12,500	32,000
District 4	65,000	75,000	76,000	44,000	45,000	44,000	32	25	31	1,390,000	1,140,000	1,350,000
Bledsoe	2,500	2,700	3,000	2,200	1,900	1,800	34	32	38	75,000	60,000	69,000
Coffee	7,500	8,500	6,500	5,000	4,100	4,500	34	28	32	170,000	115,000	142,000
Cumberland	1,500	1,500	900	900	900	450	36	28	29	32,000	25,000	13,000
Fentress	600	600	500	300	450	300	33	27	33	10,000	12,200	10,000
Franklin	18,000	21,500	18,000	16,300	18,000	14,800	37	30	32	600,000	545,000	480,000
Grundy	700	800	1,000	600	600	700	37	37	36	22,000	22,000	25,000
Marion	1,500	1,500	1,200	1,300	1,100	900	31	29	32	40,000	32,000	29,000
Overton	600	600	800	400	300	500	35	26	28	14,000	7,800	14,000
Putnam	600	700	600	300	500	400	32	30	28	9,500	15,000	11,000
Sequatchie	1,000	1,000	1,200	700	450	600	33	27	28	23,000	12,000	17,000
Warren	7,100	6,600	6,500	4,000	3,300	4,000	33	28	33	133,000	93,000	132,000
White	2,500	2,700	2,200	1,500	1,200	1,100	36	25	27	54,000	30,000	30,000
Other Counties[1]	900	1,200	1,600	500	700	950	35	30	29	17,500	21,000	28,000
District 5	45,000	50,000	44,000	34,000	33,500	31,000	35	30	32	1,200,000	990,000	1,000,000
Blount	3,500	3,300	3,100	2,000	1,600	1,500	38	31	30	75,000	49,000	45,000
Bradley	2,500	2,400	2,700	800	700	800	38	26	30	30,000	18,000	24,000
Greene	1,900	1,900	2,000	700	500	500	39	28	27	27,000	14,000	16,000
Hamblen	900	1,000	1,300	500	450	600	38	31	33	19,000	14,000	20,000
Hamilton	900	900	900	600	450	450	35	22	32	21,000	10,000	14,400
Hawkins	600	600	500	400	300	240	40	22	27	16,000	6,500	6,500
Jefferson	2,000	1,800	1,600	1,300	850	700	38	26	27	49,000	22,000	19,000
Knox	900	1,000	1,000	400	350	350	38	29	31	15,000	10,000	11,000
Loudon	1,700	1,800	2,000	1,100	900	900	38	30	31	42,000	27,000	28,000
McMinn	5,000	4,900	4,800	1,900	1,400	1,500	35	26	27	67,000	36,000	40,000
Meigs	2,500	2,600	2,600	1,200	1,000	1,200	37	26	27	44,000	26,000	32,000
Monroe	4,900	5,100	5,000	2,600	2,100	1,900	35	23	27	90,000	48,000	51,000
Polk	2,300	2,500	2,100	900	900	1,000	31	23	30	28,000	21,000	30,000
Rhea	2,200	2,100	2,300	900	700	800	36	29	29	32,000	20,000	23,000
Sevier	700	600	600	500	300	325	42	27	26	21,000	8,000	8,500
Washington	500	500	500	250	150	200	35	24	28	8,700	3,600	5,500
Other Counties[1]	2,000	2,000	2,000	950	850	935	37	26	28	35,300	21,900	26,100
District 6	35,000	35,000	35,000	17,000	13,500	14,000	36	26	29	620,000	355,000	400,000
State	340,000	430,000	440,000	250,000	325,000	350,000	32	33	41	8,000,000	10,725,000	14,350,000

[1]Less than 500 acres planted for all purposes, combined with other counties.

CORN



TOP FIVE COUNTIES

1. OBION	5,970,000
2. WEAKLEY	5,620,000
3. GIBSON	3,730,000
4. HENRY	3,170,000
5. ROBERTSON	2,350,000

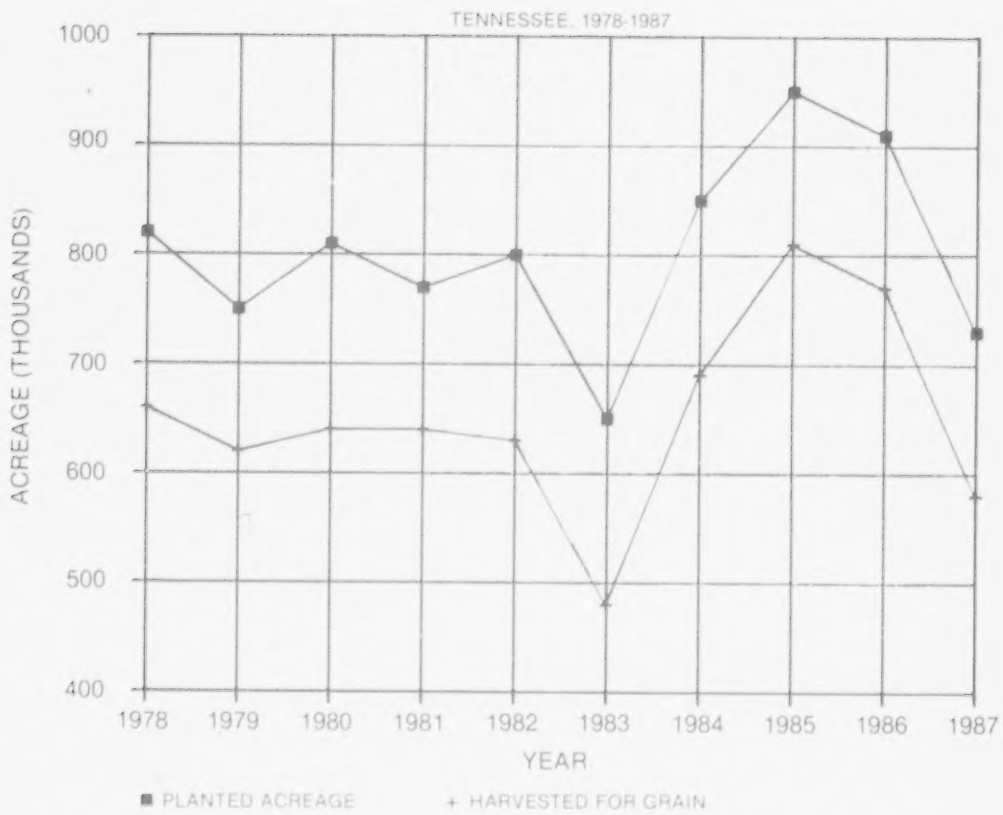
For the second consecutive year, corn planting was completed two weeks ahead of normal. This was a very influential factor leading to a better than average overall State corn crop, a very good West Tennessee crop, and fair crops in Middle and East Tennessee. Mid-June to early July rainfall was most beneficial to the West Tennessee crop because it was in the very important tasseling stage of development. Middle and East Tennessee growers planted later than West Tennessee growers, as usual, so their crop entered the critical tasseling stage later in July. Although precipitation during this period was as low as one third of normal, the timeliness of rains helped avert a disaster such as experienced in 1980 and 1983. Average yields in virtually all counties were better than 1986.

A 52.8 million bushel grain crop was harvested from 580,000 acres. The average yield was 91 bushels per acre compared with 74 bushels in 1986 and the record high 98 in 1985. Silage acreage increased 10,000 to 130,000 acres. Some of this increase came from acreage originally intended for grain that was damaged by dry weather. The 1987 grain crop was valued at $95.0 million, up almost 1 million dollars from 1986. The decline in acreage more than offset the gain in prices which averaged $1.80 per bushel, up 15 cents from 1986.

CORN: ACREAGE, YIELD, PRODUCTION, AND VALUE TENNESSEE, 1978-87

Crop Year	Planted For All Purposes	Acres Harvested For Grain	Yield Per Acre	Production For Grain	Marketing Year Average Price	Value of Grain Production	Acreage Harvested For Silage	Yield Per Acre	Silage Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1978	820	660	69.0	45,540	2.40	109,296	150	14.5	2,175
1979	750	620	85.0	52,700	2.85	150,195	116	16.5	1,914
1980	810	640	46.0	29,440	3.50	103,040	150	11.5	1,725
1981	770	640	84.0	53,760	2.70	145,152	118	16.5	1,947
1982	800	630	90.0	56,700	2.65	150,255	150	16.5	2,475
1983	650	480	48.0	23,040	3.65	84,096	145	12.5	1,813
1984	850	690	95.0	65,550	2.90	190,095	135	17.0	2,295
1985	950	810	98.0	79,380	2.30	182,574	125	16.0	2,000
1986	910	770	74.0	56,980	1.65	94,017	130	12.0	1,560
1987	**730**	**580**	**91.0**	**52,780**	**1.80**	**95,004**	**140**	**13.0**	**1,820**

CORN: PLANTED & HARVESTED FOR GRAIN



CORN: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1978-87

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average[1]
						DOLLARS PER BUSHEL							
1978	2.25	2.20	2.35	2.35	2.45	2.50	2.50	2.55	2.65	2.70	3.15	2.90	2.40
1979	2.85	2.85	2.70	2.85	2.80	2.85	2.90	2.70	2.75	2.75	2.85	3.05	2.85
1980	3.40	3.45	3.60	3.60	3.70	3.70	3.60	3.65	3.60	3.60	3.40	3.20	3.50
1981	2.90	2.70	2.50	2.60	2.80	2.70	2.60	2.75	2.70	2.80	2.70	2.50	2.70
1982	2.45	2.20	2.50	2.60	2.60	2.80	2.85	3.20	3.20	3.30	3.50	3.90	2.65
1983	3.60	3.10	3.75	3.35	3.55	3.50	3.70	3.75	3.70	3.70	3.75	3.50	3.65
1984	3.30	2.90	2.80	2.75	2.75	2.90	2.90	2.95	2.85	2.85	2.80	2.50	2.90
1985	2.20	2.15	2.40	2.50	2.50	2.45	2.45	2.40	2.06	2.60	2.10	1.75	2.30
1986	1.55	1.55	1.70	1.70	1.60	1.55	1.60	1.70	1.85	1.85	1.75	1.60	1.65
1987	1.60	1.70	1.85	1.95	2.05	2.05	2.05						1.80[2]

[1]Marketing year is September 1 of the current year through August 31 of the following year.
[2]Preliminary based on the first seven months of the marketing year.

CORN: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Acres						Bushels					
Dyer	10,600	12,300	17,000	10,000	11,300	15,600	93	53	100	929,000	596,000	1,555,000
Lake	1,100	800	1,100	1,000	700	1,000	129	94	150	129,000	65,500	150,000
Lauderdale	4,000	1,900	3,500	3,500	1,600	2,600	95	64	116	332,000	103,000	301,000
Obion	44,700	28,300	41,000	44,000	25,100	39,700	110	62	113	4,837,000	1,560,000	4,495,000
Shelby	1,900	1,600	3,000	1,500	1,400	2,600	70	41	76	105,000	57,500	198,000
Tipton	2,700	1,100	1,900	1,000	400	600	73	38	85	73,000	15,000	51,000
District 1	65,000	46,000	67,000	61,000	40,500	62,000	105	59	109	6,405,000	2,397,000	6,750,000
Benton	8,300	6,900	11,000	8,000	5,200	10,000	83	33	95	664,000	174,000	952,000
Carroll	29,000	19,100	26,800	26,000	17,900	25,000	89	41	97	2,308,000	726,000	2,425,000
Chester	6,700	3,500	5,400	6,000	3,200	4,800	86	42	79	515,000	140,000	380,000
Crockett	2,500	1,300	1,900	2,000	1,100	1,700	82	38	82	164,000	42,000	139,000
Decatur	8,100	4,800	6,400	7,000	4,100	6,100	75	36	90	525,000	147,000	551,000
Fayette	9,900	7,700	11,600	7,000	6,400	9,100	83	46	62	579,000	296,000	563,000
Gibson	42,800	33,800	47,400	40,000	28,800	44,900	93	45	96	3,710,000	1,285,000	4,305,000
Hardeman	6,700	5,000	9,300	6,000	4,300	7,400	77	43	82	461,000	183,000	605,000
Hardin	7,200	6,400	8,900	7,000	5,600	8,600	85	42	86	595,000	237,000	569,000
Haywood	5,500	5,700	8,700	5,000	4,900	7,000	86	38	74	429,000	185,000	520,000
Henderson	20,000	15,300	22,900	18,000	13,200	20,700	91	54	100	1,634,000	712,000	2,070,000
Henry	36,500	36,300	44,900	30,000	27,300	40,400	94	38	109	2,812,000	1,030,000	4,405,000
McNairy	9,300	6,700	9,400	9,000	6,100	8,500	87	57	94	781,000	346,000	799,000
Madison	9,800	7,500	8,700	8,000	5,400	7,500	89	42	89	710,000	229,000	669,000
Weakley	45,000	31,100	40,300	41,000	28,300	39,000	95	37	109	3,884,000	1,040,000	4,260,000
District 2	245,600	191,500	261,400	220,000	162,000	238,700	90	42	97	19,771,000	6,772,000	23,212,000
Cheatham	4,400	3,500	3,600	4,000	2,500	3,400	74	42	84	296,000	106,000	286,000
Dickson	4,700	4,200	5,500	4,000	3,100	4,200	73	38	89	292,000	117,000	358,000
Hickman	6,600	4,200	5,800	5,000	3,400	5,300	77	43	81	462,000	147,000	430,000
Houston	2,100	1,400	1,800	2,000	1,100	1,700	78	38	91	156,000	41,300	155,000
Humphreys	9,500	6,300	10,300	8,000	4,600	9,600	81	39	101	648,000	181,000	968,000
Lawrence	23,000	21,300	25,800	15,300	14,600	20,300	92	48	78	1,378,000	706,000	1,585,000
Lewis	2,100	1,100	2,600	2,000	900	2,500	73	37	86	146,000	33,700	215,000
Montgomery	12,500	10,500	12,000	12,000	7,500	10,200	103	42	106	1,234,000	317,000	1,080,000
Perry	6,400	4,200	7,100	6,500	3,800	6,800	81	42	83	486,000	160,000	566,000
Robertson	23,800	20,000	23,400	20,000	15,000	21,000	99	49	111	1,977,000	733,000	2,335,000
Stewart	2,100	3,000	2,700	2,000	2,600	2,500	73	38	82	146,000	98,000	205,000
Wayne	5,200	4,300	6,000	5,000	3,900	5,800	75	44	80	375,000	172,000	465,000
District 3	102,400	83,500	106,000	86,000	63,000	93,800	88	45	93	7,596,000	2,812,000	8,648,000

[1]Less than 500 acres planted for all purposes, combined with other counties.

CORN: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Acres						Bushels					
Bedford	11,000	11,200	13,500	8,500	6,700	8,400	87	47	97	656,000	293,000	815,000
Cannon	7,900	8,100	9,400	7,000	6,600	8,400	88	37	97	616,000	246,000	816,000
Clay	3,800	3,400	5,000	3,500	2,800	4,500	85	43	80	298,000	118,000	361,000
Davidson	1,800	1,400	1,700	1,500	1,200	1,600	90	42	96	135,000	50,500	154,000
DeKalb	4,100	3,000	4,900	4,000	2,800	4,500	85	36	90	340,000	100,000	404,000
Giles	13,500	12,100	17,600	10,300	9,200	13,000	90	47	86	918,000	435,000	1,290,000
Jackson	3,500	2,100	2,900	2,300	1,900	2,500	82	42	82	771,000	80,000	205,000
Lincoln	13,500	12,000	12,500	11,000	8,400	9,700	84	50	89	974,000	418,000	811,000
Macon	7,500	6,500	8,000	7,000	5,300	7,600	85	43	84	595,000	224,000	640,000
Marshall	8,600	9,200	12,000	6,000	4,600	7,500	75	47	77	450,000	216,000	579,000
Maury	9,000	5,800	10,400	5,200	2,900	5,600	78	55	92	390,000	160,000	487,000
Moore	1,600	1,000	1,800	1,300	800	1,500	79	42	87	103,000	33,500	131,000
Rutherford	13,000	9,100	12,500	7,300	5,900	10,500	75	37	101	546,000	221,000	1,060,000
Smith	4,400	4,600	5,300	4,300	4,000	5,100	84	45	84	336,000	180,000	430,000
Sumner	15,500	11,800	14,000	14,000	10,300	12,500	97	43	82	1,273,000	445,000	1,010,000
Trousdale	2,300	1,400	1,700	2,000	1,200	1,600	86	43	95	172,000	56,000	152,000
Williamson	6,400	6,400	7,500	4,000	3,600	4,500	89	33	96	356,000	118,000	440,000
Wilson	7,000	6,100	8,500	5,700	3,500	5,000	85	33	85	432,000	106,000	425,000
District 4	136,000	115,000	148,300	106,000	81,200	114,000	85	43	89	8,811,000	3,500,000	10,210,000
Bledsoe	5,000	4,200	7,900	5,500	4,100	6,500	70	66	92	389,000	272,000	597,000
Coffee	20,500	14,400	23,200	18,500	12,100	22,000	89	48	95	1,646,000	584,000	2,080,000
Cumberland	10,000	5,000	8,900	6,400	4,700	8,500	90	51	97	539,000	238,000	583,000
Fentress	6,500	5,700	10,600	5,300	5,300	8,400	91	52	99	484,000	312,000	833,000
Franklin	17,000	15,000	16,500	14,500	11,700	13,500	95	61	81	1,232,000	719,000	1,220,000
Grundy	4,000	2,900	4,700	3,000	2,300	3,500	89	62	72	268,000	142,000	252,000
Marion	4,000	2,900	4,200	3,300	2,600	3,800	94	71	101	281,000	184,000	383,000
Morgan	3,000	2,100	3,000	2,000	1,600	2,500	91	55	83	182,000	88,000	207,000
Overton	12,000	7,000	7,000	7,000	5,300	5,500	99	49	89	691,000	256,000	552,000
Pickett	1,700	1,600	1,700	1,500	1,500	1,700	93	52	90	139,000	78,000	135,000
Putnam	5,500	5,800	5,200	4,000	2,800	4,200	82	49	84	327,000	137,000	353,000
Scott	1,500	1,600	2,300	900	800	1,400	90	57	93	81,000	45,500	129,000
Sequatchie	1,900	2,100	2,200	1,400	1,500	1,800	98	57	101	137,000	91,500	182,000
Van Buren	2,000	1,400	2,100	1,400	1,200	1,800	68	57	87	109,000	68,000	156,000
Warren	18,000	16,700	21,200	13,900	11,500	16,800	90	43	96	1,239,000	500,000	1,615,000
White	7,600	10,700	12,000	6,000	7,800	7,500	90	71	98	539,000	553,000	733,000
District 5	122,900	100,000	130,500	91,900	77,000	100,900	91	55	92	8,241,000	4,268,000	10,010,000
Blount	6,900	5,200	7,800	5,000	4,000	5,500	91	56	95	453,000	223,000	524,000
Bradley	4,700	4,600	4,500	3,000	2,700	3,900	81	56	95	161,000	96,000	181,000
Campbell	1,800	1,000	1,300	700	800	900	90	75	111	62,000	56,500	100,000
Carter	900	1,000	900	700	800	700	86	75	91	60,000	60,000	63,900
Claiborne	3,800	3,100	4,100	2,000	1,900	2,200	78	56	95	155,000	106,000	209,000
Cocke	5,900	7,000	10,000	4,000	4,200	5,500	85	61	96	341,000	255,000	530,000
Grainger	1,900	2,700	2,900	1,000	1,600	1,600	82	56	96	82,000	83,500	154,000
Greene	20,000	14,000	16,900	7,500	5,400	7,000	77	66	95	580,000	354,000	667,000
Hamblen	3,000	3,400	3,600	2,000	1,700	2,000	91	56	94	181,000	96,000	188,000
Hamilton	1,700	2,200	2,700	1,000	1,200	1,200	73	56	97	73,000	67,500	116,000
Hancock	1,100	1,600	2,100	1,000	1,100	1,600	78	55	84	78,000	60,000	151,000
Hawkins	6,800	5,700	7,700	4,000	3,200	4,400	72	57	75	286,000	171,000	346,000
Jefferson	6,000	5,800	6,700	4,000	3,700	4,200	99	53	89	397,000	195,060	374,000
Johnson	4,000	3,000	3,000	2,000	1,100	1,200	116	94	113	231,000	103,000	136,000
Knox	3,100	2,500	3,300	2,000	1,400	2,100	96	61	94	192,000	85,000	197,000
Loudon	4,000	4,700	5,100	3,000	2,300	2,700	92	47	96	277,000	108,000	259,000
McMinn	10,000	7,500	9,100	3,000	2,100	3,900	82	55	90	245,000	115,000	351,000
Meigs	2,000	4,400	4,300	800	1,600	2,000	79	52	97	63,000	82,500	194,000
Monroe	7,000	5,200	5,400	3,000	1,900	2,500	90	52	89	271,000	98,000	223,000
Polk	2,800	2,600	3,500	2,000	1,300	2,100	90	66	101	179,000	85,500	212,000
Rhea	5,000	4,000	4,800	4,000	3,000	3,500	91	52	96	362,000	155,000	336,000
Roane	1,400	1,400	1,400	800	800	800	75	52	96	60,000	41,200	77,000
Sevier	5,000	4,100	4,900	4,000	3,100	3,900	92	56	101	369,000	174,000	394,000
Sullivan	6,000	5,200	6,000	2,500	2,200	2,500	88	75	81	221,000	165,000	203,000
Union	800	700	800	400	400	500	78	65	92	31,000	26,100	46,000
Washington	12,000	8,700	11,000	5,000	3,600	4,600	83	56	95	416,000	202,000	438,000
Other Counties*	800	700	900	600	400	600	83	68	84	50,000	27,200	50,100
District 6	129,000	114,000	136,500	68,000	56,500	72,000	86	58	93	5,876,000	3,291,000	6,720,000
State	880,000	650,000	850,000	530,000	480,000	690,000	90	48	95	56,700,000	23,040,000	65,550,000

*Less than 500 acres planted for all purposes, combined with other counties.

CORN: Acreage, Yield, and Production—By Counties for 1985, 1986, and Preliminary 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres						Bushels					
Dyer	19,000	20,000	18,600	18,000	19,600	17,600	110	92	119	1,980,000	1,795,000	2,100,000
Lake	5,000	5,600	6,500	4,800	5,500	6,300	140	110	129	670,000	605,000	1,070,000
Lauderdale	5,500	6,200	8,000	4,900	5,700	7,500	122	84	120	600,000	480,000	900,000
Obion	55,000	62,000	51,000	53,000	61,000	49,300	121	107	121	6,415,000	6,550,000	5,970,000
Shelby	3,100	3,500	3,400	2,800	3,100	3,000	82	71	97	230,000	220,000	290,000
Tipton	2,400	2,700	3,500	1,500	2,100	2,300	90	71	96	135,000	150,000	220,000
District 1	90,000	100,000	93,000	85,000	97,000	88,000	118	101	120	10,030,000	9,800,000	10,550,000
Benton	12,600	13,500	10,000	11,500	13,400	9,500	98	60	82	1,130,000	800,000	785,000
Carroll	29,000	30,000	23,000	27,500	29,500	22,000	105	75	102	2,880,000	2,200,000	2,240,000
Chester	12,300	12,000	9,000	11,700	11,300	8,300	81	67	86	950,000	760,000	710,000
Crockett	2,000	1,800	3,000	1,800	1,600	2,600	94	69	96	170,000	110,000	250,000
Decatur	8,000	8,500	6,000	7,500	8,400	5,700	95	74	82	710,000	620,000	470,000
Fayette	11,200	12,000	11,500	9,500	10,500	10,000	79	71	87	750,000	750,000	865,000
Gibson	49,000	54,000	38,000	48,700	53,000	36,000	106	80	104	5,070,000	4,220,000	3,730,000
Hardeman	9,500	9,750	9,600	8,500	8,400	8,300	82	74	86	700,000	620,000	710,000
Hardin	12,000	12,500	10,000	10,500	12,000	9,400	92	61	82	970,000	730,000	770,000
Haywood	9,000	10,000	8,400	8,000	9,700	8,000	90	78	90	720,000	760,000	720,000
Henderson	24,000	25,000	17,000	22,500	24,500	16,200	102	73	97	2,290,000	1,800,000	1,570,000
Henry	51,000	50,000	36,000	48,000	48,500	33,500	109	75	95	5,210,000	3,650,000	3,170,000
McNairy	10,000	10,000	10,500	9,500	9,700	10,000	98	82	102	930,000	800,000	1,020,000
Madison	9,000	10,000	8,000	8,000	9,500	7,400	106	77	91	850,000	730,000	670,000
Weakley	54,000	56,000	50,000	52,000	55,000	48,000	107	94	117	5,550,000	5,150,000	5,620,000
District 2	302,600	315,000	250,000	284,500	305,000	235,000	102	78	99	28,880,000	23,700,000	23,300,000
Cheatham	4,700	4,000	3,000	4,300	3,700	2,500	81	68	76	350,000	250,000	190,000
Dickson	5,700	5,300	3,500	5,000	4,500	2,800	94	58	75	470,000	260,000	210,000
Hickman	8,000	6,500	4,500	7,500	6,100	3,800	91	61	76	680,000	370,000	290,000
Houston	2,200	1,900	1,300	2,100	1,800	1,200	90	56	71	190,000	100,000	85,000
Humphreys	11,000	10,000	8,500	10,500	9,700	7,300	105	77	92	1,100,000	750,000	670,000
Lawrence	31,000	29,000	20,000	27,000	26,500	15,100	88	68	88	2,370,000	1,800,000	1,323,000
Lewis	3,000	2,500	1,800	2,900	2,300	1,600	83	54	69	240,000	125,000	110,000
Montgomery	17,000	16,500	11,400	15,500	14,400	9,600	116	74	86	1,800,000	1,060,000	825,000
Perry	7,300	7,200	5,500	7,100	7,100	4,900	90	77	78	640,000	550,000	380,000
Robertson	28,000	28,000	25,000	24,400	25,000	21,400	102	76	110	2,500,000	1,900,000	2,350,000
Stewart	3,000	2,700	2,000	2,400	2,600	1,800	89	67	73	250,000	175,000	132,000
Wayne	6,500	6,400	4,500	6,200	6,300	4,000	97	57	71	600,000	360,000	285,000
District 3	127,400	120,000	91,000	115,500	110,000	76,000	97	70	90	11,190,000	7,700,000	6,850,000

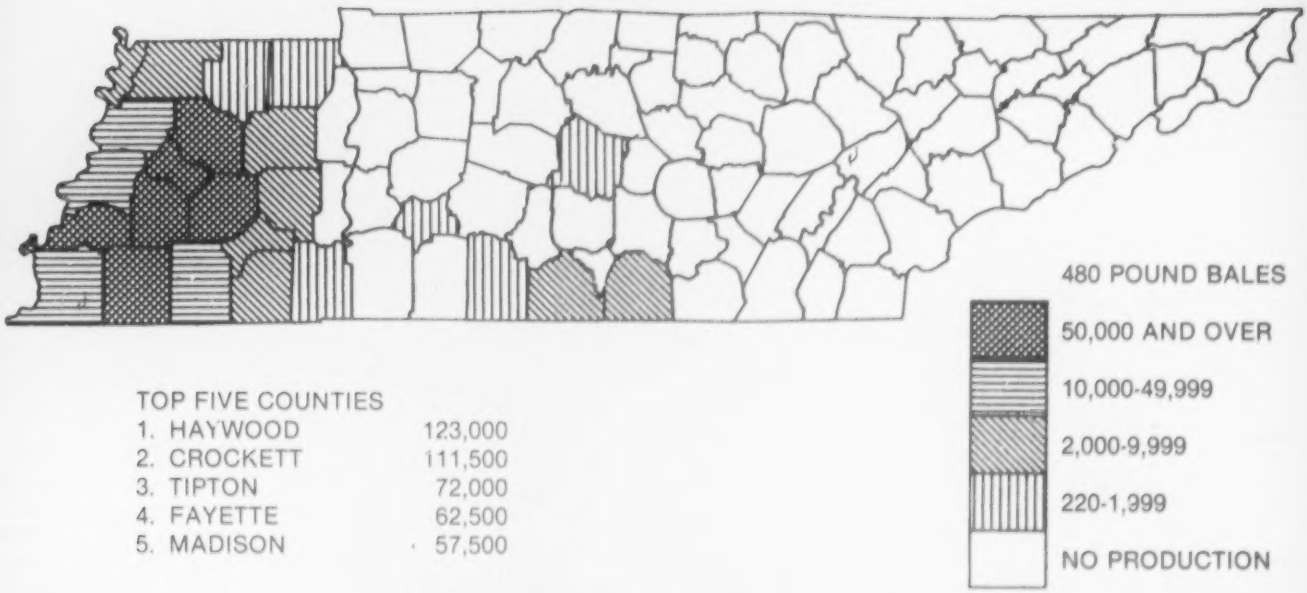
*Less than 500 acres planted for all purposes. Combined with other counties.

CORN: Acreage, Yield, and Production—By Counties for 1985, 1986, and Preliminary 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres									Bushels		
Bedford	14,000	14,000	11,000	9,500	9,000	6,200	87	50	62	830,000	450,000	384,300
Cannon	11,500	9,500	8,000	10,000	8,000	6,200	89	63	60	890,000	500,000	370,000
Clay	5,500	4,500	3,300	5,000	4,100	2,700	90	54	63	450,000	220,000	170,000
Davidson	2,000	1,500	1,100	1,800	1,400	900	83	54	69	150,000	75,000	62,000
DeKalb	6,400	6,000	5,000	6,000	5,800	4,000	90	66	75	540,000	380,000	300,000
Giles	21,000	17,000	13,000	19,500	14,000	9,200	97	54	77	1,900,000	750,000	710,000
Jackson	3,500	2,800	2,000	3,200	2,600	1,700	75	62	71	240,000	160,000	120,000
Lincoln	15,000	13,000	11,000	13,500	10,000	7,400	89	77	68	1,200,000	770,000	500,000
Macon	10,000	7,000	5,000	8,500	6,400	4,300	86	59	90	730,000	380,000	380,000
Marshall	13,000	12,000	8,100	8,500	5,500	3,700	86	47	64	730,000	260,000	235,000
Maury	11,000	10,000	7,500	5,800	5,200	3,300	90	58	70	520,000	300,000	230,000
Moore	2,000	1,500	1,000	1,600	1,200	700	88	54	79	140,000	65,000	55,000
Rutherford	19,000	18,000	14,100	16,500	14,000	9,100	79	66	65	1,300,000	920,000	595,000
Smith	6,000	4,900	3,400	5,400	4,200	2,800	91	57	84	490,000	240,000	235,000
Sumner	13,000	9,500	6,900	11,500	8,600	5,600	76	44	84	870,000	380,000	470,000
Trousdale	1,600	1,300	900	1,400	1,200	700	89	50	77	125,000	60,000	54,000
Williamson	8,500	7,000	4,700	6,800	5,800	3,300	86	45	68	585,000	260,000	225,000
Wilson	7,000	5,500	4,000	5,500	3,000	2,500	80	53	62	440,000	160,000	155,000
District 4	170,000	145,000	110,000	140,000	110,000	74,000	87	58	71	12,130,000	6,330,000	5,230,000
Bledsoe	6,200	6,200	5,000	5,400	4,800	3,700	92	71	58	495,000	340,000	215,000
Coffee	23,000	20,000	19,000	22,000	17,500	14,900	96	66	55	2,110,000	1,155,000	823,000
Cumberland	5,800	5,800	3,700	5,000	4,500	2,700	90	62	80	450,000	280,000	215,000
Fentress	11,000	9,000	6,000	10,000	7,600	5,000	90	53	72	900,000	400,000	360,000
Franklin	19,000	20,000	18,000	17,700	17,500	14,900	105	83	74	1,850,000	1,460,000	1,100,000
Grundy	3,800	3,400	3,300	3,200	3,000	2,800	103	85	77	330,000	255,000	215,000
Marion	4,500	3,900	3,500	4,200	3,600	2,800	102	81	59	430,000	290,000	164,000
Morgan	3,000	3,000	2,200	2,700	2,600	1,800	85	62	81	230,000	160,000	145,000
Overton	6,500	5,500	3,800	5,500	4,600	2,700	89	64	67	490,000	295,000	180,000
Pickett	1,600	1,400	1,000	1,400	1,300	800	96	64	75	135,000	83,000	60,000
Putnam	5,200	4,500	2,800	4,200	4,200	2,200	88	62	75	370,000	260,000	165,000
Scott	3,000	2,600	1,800	2,300	1,900	1,300	91	66	63	210,000	125,000	82,000
Sequatchie	2,200	2,100	1,800	1,900	1,600	1,400	89	63	61	170,000	100,000	86,000
Van Buren	1,700	1,500	1,200	1,400	1,000	800	93	57	69	130,000	57,000	55,000
Warren	23,000	19,000	12,600	19,600	15,500	9,900	93	62	54	1,820,000	960,000	530,000
White	10,500	7,000	6,300	8,500	3,800	3,300	98	61	62	830,000	230,000	205,000
District 5	130,000	115,000	92,000	115,000	95,000	71,000	95	68	65	10,950,000	6,450,000	4,600,000
Blount	7,500	7,000	6,000	5,500	4,100	2,600	102	60	73	560,000	245,000	191,000
Bradley	4,000	3,500	3,200	1,500	1,100	900	97	55	56	145,000	60,000	50,000
Campbell	1,000	800	600	700	600	400	114	67	65	80,000	40,000	26,000
Carter	900	800	800	700	500	400	86	64	75	60,000	32,000	30,000
Claiborne	3,500	3,000	2,300	1,800	1,200	1,000	92	59	82	165,000	71,000	82,000
Cocke	8,000	7,000	5,500	4,800	4,000	2,600	69	49	71	330,000	195,000	185,000
Grainger	3,000	2,900	2,200	1,500	1,500	1,100	100	70	56	150,000	105,000	62,000
Greene	20,000	17,000	13,000	9,000	4,900	3,300	96	47	54	866,000	230,000	178,000
Hamblen	3,500	3,200	2,800	2,000	1,900	1,400	100	68	59	200,000	130,000	83,000
Hamilton	1,800	1,600	1,600	800	600	800	94	50	55	75,000	30,000	44,000
Hancock	2,100	1,700	1,300	1,600	1,300	800	91	50	66	145,000	65,000	53,000
Hawkins	6,800	5,500	4,500	4,500	2,900	2,000	84	50	70	380,000	145,000	140,000
Jefferson	6,000	6,200	5,500	3,600	3,200	2,000	67	58	56	240,000	185,000	112,000
Johnson	2,500	2,600	2,000	1,400	1,700	1,100	107	74	74	150,000	125,000	81,000
Knox	3,200	3,400	2,900	2,000	1,500	1,300	80	53	53	160,000	80,000	69,000
Loudon	5,000	4,500	3,900	3,000	2,600	1,700	95	44	51	285,000	115,000	87,000
McMinn	10,000	8,500	7,500	4,100	3,600	1,900	85	58	54	350,000	210,000	103,000
Meigs	4,000	3,700	2,900	1,900	1,300	800	89	50	63	170,000	65,000	50,000
Monroe	5,500	4,700	4,100	2,600	1,800	1,400	87	75	68	225,000	135,000	95,000
Polk	3,100	2,500	2,100	1,700	1,400	800	97	66	75	165,000	93,000	60,000
Rhea	4,500	3,900	2,900	3,000	2,500	1,500	90	44	49	270,000	110,000	73,000
Roane	1,500	1,300	900	1,100	800	500	86	49	50	95,000	39,000	25,000
Sevier	4,000	3,000	2,600	3,100	2,600	1,500	74	65	60	230,000	170,000	90,000
Sullivan	6,600	5,800	4,300	3,000	2,200	1,700	83	73	59	250,000	160,000	100,000
Union	800	700	500	600	500	300	85	68	77	51,000	34,000	23,000
Washington	10,500	9,500	7,400	4,000	2,200	1,700	90	45	74	360,000	100,000	125,000
Other Counties*	700	700	700	500	500	500	86	62	66	43,000	31,000	33,000
District 6	130,000	115,000	94,000	70,000	53,000	36,000	89	57	63	6,200,000	3,000,000	2,250,000
State	950,000	910,000	730,000	810,000	770,000	580,000	98	74	91	79,380,000	56,980,000	52,780,000

*Less than 500 acres planted for all purposes, combined with other counties.

COTTON



TOP FIVE COUNTIES

1.	HAYWOOD	123,000
2.	CROCKETT	111,500
3.	TIPTON	72,000
4.	FAYETTE	62,500
5.	MADISON	57,500

Cotton ranked as Tennessee's top valued crop in 1987 for the first time since 1963. The combined value of cotton and cottonseed was $210.7 million, compared with the 1986 crop value of $103.6 million. This was the result of excellent yields, good prices and the largest planted acreage since 1974.

Cotton producers set a record yield of 700 pounds of lint per acre. The previous top yield was 640 pounds set in 1964. This outstanding yield from 435,000 acres harvested resulted in 634,000 bales. This production, although not a record, was the best since 1964. Prices improved substantially during 1987. The average for the marketing season was 63.3 cents per pound, up from the 49.0 cents received for lint in 1986. Growers averaged $77 per ton for cottonseed compared with $66.50 in 1986.

Farmers planted early, received adequate and timely rains, and controlled insects and weeds. Ideal harvesting weather and the best prices since 1983 encouraged farmers to pick the fields clean.

COTTON: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage		Yield	Production		Ginnings As Reported By Census[2]
	Planted	Harvested	Per Acre	Lint[1]	Seed	
	1,000		Pounds Lint	1,000 Bales	1,000 Tons	1,000 Bales
1978	250	230	490	235	94	234.0
1979	250	230	357	171	71	170.7
1980	290	275	349	200	82	197.8
1981	325	305	496	315	127	311.2
1982	260	255	638	339	132	336.7
1983	220	215	337	151	60	149.6
1984	340	325	498	337	133	335.9
1985	340	335	600	419	160	415.5
1986	340	335	567	396	157	396.6
1987	**440**	**435**	**700**	**634**	**235**	**634.4**

[1]Production is 480 pound net weight bales.
[2]Equivalent 480 pound net weight bales ginned, not adjusted for cross state movement.

COTTON LINT: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1978-87

Crop Year	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing Year Average[1]
						CENTS PER POUND							
1978	56.0	56.5	62.1	62.5	62.1	59.8	58.1	54.8	55.3	60.0	59.9	61.1	61.2
1979	57.0	59.8	63.2	63.0	61.0	66.5	78.0	77.1	76.9	78.0	71.3	—	62.9
1980	—	78.5	77.3	79.8	79.1	79.3	78.8	78.5	75.6	—	—	—	78.4
1981	—	59.8	58.5	52.0	51.4	49.5	50.7	57.1	58.9	56.1	58.4	55.7	54.7
1982	57.1	57.8	58.8	58.9	55.7	56.0	52.3	58.5	59.6	67.5	63.7	63.4	58.0
1983	66.5	69.0	68.7	68.8	68.8	66.0	66.1	69.4	68.6	74.0	70.6	—	68.5
1984	—	64.0	61.8	59.2	53.6	51.4	47.4	48.9	48.6	—	—	—	56.7
1985	—	56.1	54.1	53.6	50.8	51.3	48.1	57.7	57.2	57.9	58.9	—	53.6
1986	—	47.1	47.3	48.5	49.5	49.5	48.6	47.6	53.5	58.9	—	—	49.0
1987	66.4	64.2	64.1	63.0	63.1	61.4	56.3	54.5					63.3[2]

COTTONSEED: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1978-87

Crop Year	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing Year Average[1]
						DOLLARS PER TON							
1978	—	—	115.00	116.00	110.00	115.00	—	—	—	—	—	—	111.00
1979	—	—	—	132.00	126.00	125.00	125.00	—	—	—	—	—	131.00
1980	—	128.00	128.00	128.00	128.00	—	—	—	—	—	—	—	128.00
1981	—	80.00	77.00	81.00	76.00	77.00	—	—	—	—	—	—	79.00
1982	—	75.00	67.00	67.00	65.00	—	—	—	—	—	—	—	69.00
1983	—	—	160.00	165.00	160.00	160.00	160.00	160.00	160.00	—	—	—	161.00
1984	—	—	100.00	90.00	80.00	75.00	80.00	—	—	—	—	—	90.50
1985	—	54.00	52.00	55.00	56.00	53.00	—	—	—	—	—	—	53.00
1986	—	—	66.00	72.00	—	—	—	—	—	—	—	—	66.50
1987	—	—	77.00	79.00	77.00	—	—	—	—	—	—	—	77.00[2]

[1]Marketing year is August 1 of the current year through July 31 of the following year.
[2]Preliminary based on the first eight months of the marketing year.

COTTON: FARM MARKETINGS, BY MONTHS, TENNESSEE, 1978-1986

Crop Year	Year of Production				Following Year							
	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.
						Percent By Month						
1978	—	3.0	33.0	34.0	7.0	7.0	2.0	5.0	2.0	2.0	3.0	1.0
1979	—	—	9.0	21.0	52.0	15.0	2.0	1.0	—	—	—	—
1980	—	16.0	42.0	25.0	9.0	3.0	3.0	2.0	1.0	1.0	—	—
1981	0.3	5.6	27.3	33.7	14.5	4.8	1.4	2.7	3.4	2.6	1.4	2.3
1982	1.1	13.6	30.8	22.5	19.3	5.3	1.5	1.5	1.5	1.5	1.1	0.3
1983	0.8	10.3	31.3	25.8	15.0	9.3	3.4	1.5	1.3	1.3	—	—
1984	—	0.8	18.3	33.8	36.2	7.0	0.8	0.6	2.5	—	—	—
1985	—	2.7	24.6	38.5	13.9	6.4	2.1	1.6	4.8	4.3	1.1	—
1986	—	0.8	13.9	26.4	35.8	16.1	3.0	1.4	2.0	0.6	—	—

COTTON: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Acreage Planted			Acreage Harvested			Yield Per Harv. Acre			Production 480 Lbs. Net Wt.		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Acres			Acres			Pounds			Bales		
Dyer	6,000	5,500	9,100	5,950	4,700	8,700	670	462	508	8,300	4,520	9,200
Lake	340	180	265	330	160	260	589	480	591	405	160	320
Lauderdale	7,050	7,800	11,800	6,900	7,200	10,900	685	333	502	9,850	5,000	11,400
Obion	900	820	1,120	890	740	1,050	647	370	521	1,200	570	1,140
Shelby	15,500	12,800	18,600	15,300	12,500	18,000	668	355	480	21,300	9,250	18,000
Tipton	22,700	20,300	32,000	22,500	19,800	30,000	627	281	456	29,400	11,600	28,500
District 1	52,490	47,400	72,885	51,870	45,100	68,910	652	331	478	70,455	31,100	68,560
Carroll	1,450	1,600	3,700	1,440	1,500	3,500	560	384	453	1,680	1,200	3,300
Chester	1,220	1,350	2,500	1,210	1,260	2,350	655	267	347	1,650	700	1,700
Crockett	59,600	43,600	68,500	58,200	43,100	66,000	685	375	564	83,000	33,700	77,500
Fayette	28,700	25,300	38,000	27,400	25,000	36,000	664	344	467	37,900	17,900	35,000
Gibson	16,000	13,200	28,400	15,700	13,000	27,000	599	343	469	19,600	9,300	26,400
Hardeman	10,200	11,200	15,500	10,000	11,000	14,900	586	353	451	12,200	8,100	14,000
Hardin	145	220	300	140	210	280	669	240	411	195	105	240
Haywood	58,900	45,600	67,000	58,200	45,000	64,400	591	291	499	71,600	27,300	67,000
Henderson	1,150	1,350	1,320	1,130	1,260	1,250	680	267	557	1,600	700	1,450
McNairy	1,680	1,800	2,100	1,550	1,700	2,000	434	339	348	1,400	1,200	1,450
Madison	21,700	22,600	32,700	21,500	22,300	31,500	670	340	518	30,000	15,800	34,000
Weakley	340	400	505	330	380	495	451	253	475	310	200	490
District 2	201,085	168,220	260,525	196,800	165,710	249,675	637	337	505	261,135	116,205	262,530
Lawrence	95	160	360	90	150	330	640	240	436	120	75	300
Wayne	95	50	—	90	30	—	373	320	—	70	20	—
District 3	190	210	360	180	180	330	507	253	436	190	95	300
Giles	295	180	270	290	170	265	497	254	471	300	90	260
Lincoln	1,640	1,320	1,910	1,630	1,250	1,850	548	269	441	1,860	700	1,700
Rutherford	1,340	1,050	1,910	1,330	990	1,850	512	325	337	1,420	670	1,300
District 4	3,275	2,550	4,090	3,250	2,410	3,965	529	291	395	3,580	1,460	3,260
Franklin	2,960	1,620	2,140	2,900	1,600	2,120	602	642	532	3,640	2,140	2,350
District 5	2,960	1,620	2,140	2,900	1,600	2,120	602	642	532	3,640	2,140	2,350
State	260,000	220,000	340,000	255,000	215,000	325,000	638	337	498	339,000	151,000	337,000

COTTON: Acreage, Yield and Production—By Counties for 1985, 1986, and 1987

District and County	Acreage Planted			Acreage Harvested			Yield Per Harv. Acre			Production 480 Lbs. Net Wt.		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
							Pounds			Bales		
Dyer	8,800	9,400	14,800	8,620	9,300	14,600	512	578	658	9,200	11,200	20,000
Lake	550	1,550	2,500	540	1,500	2,450	631	563	862	710	1,760	4,400
Lauderdale	13,700	17,300	27,000	13,400	17,000	26,600	609	599	812	17,000	21,200	45,000
Obion	850	1,050	1,700	840	1,000	1,650	509	595	669	890	1,240	2,300
Shelby	17,800	18,200	24,000	17,600	18,000	23,400	614	507	585	22,500	19,000	28,500
Tipton	29,700	33,500	50,000	29,500	33,200	49,400	630	544	700	38,700	37,600	72,000
District 1	71,400	81,000	120,000	70,500	80,000	118,100	606	552	700	89,000	92,000	172,200
Carroll	5,600	5,200	8,500	5,400	5,100	8,400	524	574	563	5,900	6,100	9,850
Chester	2,600	2,500	3,840	2,500	2,400	3,740	422	560	533	2,200	2,800	4,150
Crockett	70,000	62,000	72,000	69,700	61,000	71,500	668	622	749	97,000	79,000	111,500
Fayette	37,000	35,000	44,000	36,000	34,500	43,500	560	557	690	42,000	40,000	62,500
Gibson	26,000	30,600	39,400	25,500	30,300	39,000	506	507	661	26,900	32,000	53,700
Hardeman	17,000	15,800	20,000	16,500	15,700	19,800	524	504	587	18,000	16,500	24,200
Hardin	330	300	200	320	300	200	480	512	528	320	320	220
Haywood	67,000	66,000	80,000	66,500	65,000	79,400	610	595	744	84,500	80,600	123,000
Henderson	1,400	1,535	1,800	1,370	1,500	1,770	627	576	637	1,790	1,800	2,350
Henry	—	65	360	—	65	360	—	554	573	—	75	430
McNairy	3,050	2,300	2,700	3,000	2,150	2,650	566	487	562	3,540	2,180	3,100
Madison	31,300	30,500	38,800	30,500	30,000	38,300	614	552	721	39,000	34,500	57,500
Weakley	720	700	1,400	710	685	1,380	575	508	522	850	725	1,500
District 2	262,000	252,500	313,000	258,000	248,700	310,000	599	572	703	322,000	296,600	454,000
Lawrence	365	360	260	365	350	260	427	411	425	325	300	230
Other Counties	25	—	—	25	—	—	480	—	—	25	—	—
District 3	390	360	260	390	350	260	431	411	425	350	300	230
Giles	430	300	530	420	300	530	480	480	607	420	300	670
Lincoln	1,970	2,100	2,440	1,940	2,050	2,400	624	749	500	2,520	3,200	2,500
Rutherford	1,550	1,600	1,470	1,520	1,500	1,440	524	400	567	1,660	1,250	1,700
District 4	3,950	4,000	4,440	3,880	3,850	4,370	569	592	535	4,600	4,750	4,870
Franklin	2,260	2,140	2,300	2,230	2,100	2,270	657	537	571	3,050	2,350	2,700
District 5	2,260	2,140	2,300	2,230	2,100	2,270	657	537	571	3,050	2,350	2,700
State	340,000	340,000	440,000	335,000	335,000	435,000	600	567	700	419,000	396,000	634,000

COTTONSEED: PRODUCTION, FARM DISPOSITION, SALES, AND VALUE, TENNESSEE, 1978-87

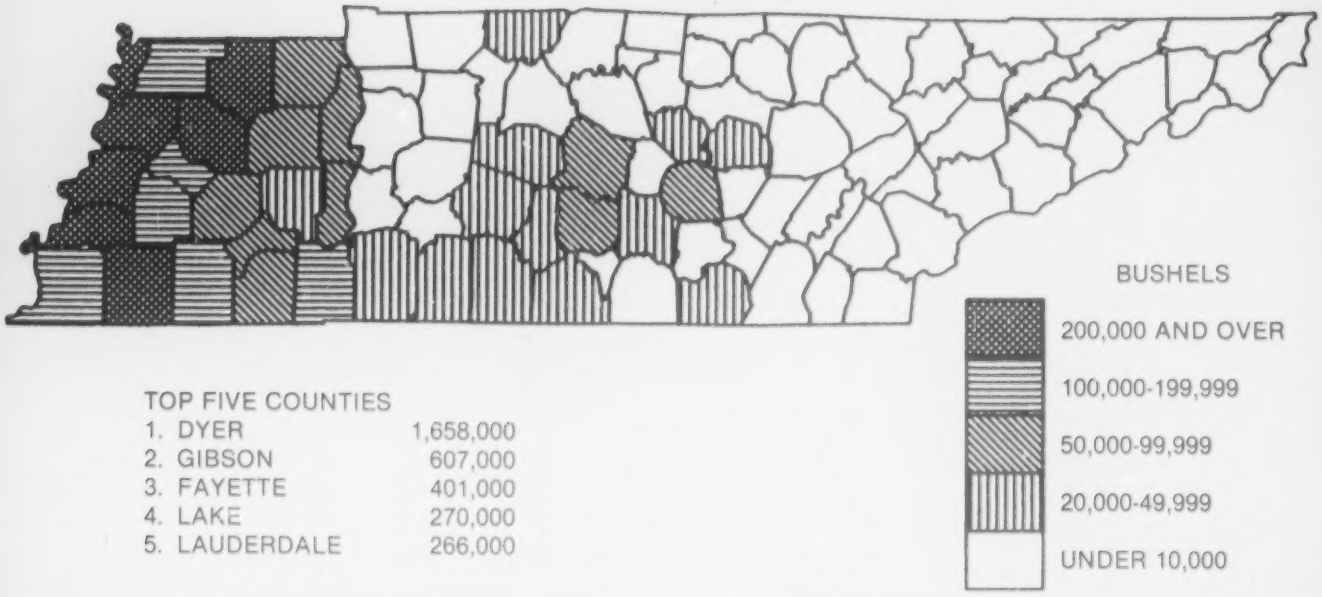
Crop Year	Production	Farm Disposition			Marketing Year Average Price	Value Of Production	Value Of Sales To Oil Mills
		Sales To Oil Mills	Other[1]	Used For Planting[2]			
			1,000 Tons		Dollars Per Ton	1,000 Dollars	
1978	94	90	4	3.9	111.00	10,434	9,990
1979	71	66	5	3.4	131.00	9,301	8,646
1980	82	76	6	3.9	128.00	10,496	9,728
1981	127	118	9	4.1	79.00	10,033	9,322
1982	132	113	19	7.2	69.00	9,108	7,797
1983	60	50	10	4.6	161.00	9,660	8,050
1984	133	124	9	4.6	90.50	12,037	11,222
1985	160	130	30	3.6	53.00	8,480	6,890
1986	157	152	5	4.6	66.50	10,441	10,108
1987	235	229	6	5.6	77.00	18,095	17,633

[1]Includes Planting Seed, Exports, Inter-Farm Sales, Shrinkage, Losses And Other Uses.
[2]Included In "Other" Farm Disposition. Planting Seed From Previous Years Crop.

COTTON AND COTTONSEED: PRICE AND VALUE, TENNESSEE, 1978-87

Crop Year	Lint		Cottonseed		Combined Value Of Lint And Cottonseed
	Marketing Year Average Price	Value Of Production	Marketing Year Average Price	Value Of Production	
	Cents Per Pound	1,000 Dollars	Dollars Per Ton	1,000 Dollars	1,000 Dollars
1978	61.20	69,034	111.00	10,434	79,468
1979	62.90	51,628	131.00	9,301	60,929
1980	78.40	75,264	128.00	10,496	85,760
1981	54.70	82,706	79.00	10,033	92,739
1982	58.00	94,378	69.00	9,108	103,486
1983	68.50	49,649	161.00	9,660	59,309
1984	56.70	91,718	90.50	12,037	103,755
1985	53.60	107,800	53.00	8,480	116,280
1986	49.00	93,139	66.50	10,441	103,580
1987	63.30	192,635	77.00	18,095	210,730

SORGHUM



TOP FIVE COUNTIES

1.	DYER	1,658,000
2.	GIBSON	607,000
3.	FAYETTE	401,000
4.	LAKE	270,000
5.	LAUDERDALE	266,000

Tennessee's 1987 grain sorghum production declined sharply for the second consecutive year. After surging to a record 37.2 million bushels in 1985, grain sorghum production in 1987 settled at 6.0 million, a level just 16 percent of 1985 and only 56 percent of 1986. Total sorghum planted acreage (for grain, silage, syrup, and forage) was down one half from 1986 to 90,000 acres. Grain acreage took the entire decline as only 75,000 acres were harvested. Acreage planted for other uses or abandoned was unchanged from 1986 at 15,000 acres. It was a good year from the standpoint of yields. Grain yields averaged a respectible 80 bushels per acre, equalling the previous best of 1985. This compared to 65 bushels per acre in 1986 and the five year average of 72.0. The crop was planted early and took advantage of timely early season rainfall. Excellent harvest conditions contributed to minimal harvest loss. Grain sorghum production is concentrated in West Tennessee where 86 percent of total 1987 production was grown.

The 1987 grain sorghum crop was valued at $8.6 million compared with $14.4 million in 1986. The market year average price improved 14 cents from a year earlier to $1.48 per bushel but remained substantially below the $1.88 to $2.97 range of 1983-85.

SORGHUM: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-87

Crop Year	Planted For All Purposes	Acreage Harvested For Grain	Yield Per Acre	Production For Grain	Marketing Year Average Price	Value of Grain Production	Acreage Harvested For Silage	Yield Per Acre	Silage Production
	1,000	Acres	Bushels	1,000 Bushels	Dollars Per Bushel	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1978	45	24	51	1,224	2.24	2,742	11	10.5	116
1979	45	29	51	1,479	2.35	3,476	6	12.0	72
1980	55	35	50	1,750	2.97	5,198	12	11.0	132
1981	104	75	62	4,650	2.21	10,277	9	12.0	108
1982	100	85	65	5,525	1.90	10,498	3	13.0	39
1983	110	95	53	5,035	2.97	14,954	6	12.0	72
1984	280	260	80	20,800	2.24	46,592	6	13.0	78
1985	480	465	80	37,200	1.88	69,936	6	14.0	84
1986	180	165	65	10,725	1.34	14,372	8	12.0	96
1987	**90**	**75**	**80**	**6,000**	**1.48**	**8,880**	**10**	**10.0**	**100**

SORGHUM: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1978-87

Crop Year	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Marketing Year Average[1]
						DOLLARS PER BUSHEL							
1978	2.10	2.35	2.25	2.25	2.15	2.10	2.10	2.10	2.15	2.15	2.70	2.50	2.24
1979	2.40	2.40	2.40	2.40	2.10	2.30	2.25	2.25	2.25	2.30	2.30	2.30	2.35
1980	2.90	2.90	3.00	3.20	3.10	3.15	3.00	3.10	2.75	2.75	3.00	2.65	2.97
1981	2.25	2.25	2.15	2.25	2.25	2.25	2.20	2.10	2.10	2.10	3.10	2.25	2.21
1982	2.25	2.15	2.25	2.20	2.50	2.35	3.45	2.55	2.55	2.55	2.60	3.15	1.90
1983	3.05	2.95	3.00	2.85	2.95	2.80	3.00	3.10	3.15	2.60	2.40	2.40	2.97
1984	2.30	2.15	2.20	2.25	2.35	2.25	2.40	2.40	2.40	2.30	1.70	1.75	2.24
1985	1.60	1.75	2.00	2.08	2.10	2.07	2.10	2.15	2.32	2.18	1.64	1.30	1.88
1986	1.24	1.32	1.40	1.38	1.32	1.31	1.37	1.40	1.58	1.54	1.34	1.25	1.34
1987	1.35	1.41	1.52	1.57	1.62	1.71	1.74						1.48[2]

[1]Marketing year is September 1 of the current year through August 31 of the following year.
[2]Preliminary based on the first seven months of the marketing year.

SORGHUM: Acreage, Yield, and Production—By Counties for 1982, 1983, and 1984

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv Acre			Production for Grain		
	1982	1983	1984	1982	1983	1984	1982	1983	1984	1982	1983	1984
	Acres						Bushels					
Dyer	11,000	11,800	43,500	9,000	11,100	42,300	84	64	90	755,000	711,000	3,807,000
Lake	3,400	3,200	8,200	3,000	3,200	8,000	76	84	96	229,000	269,000	768,000
Lauderdale	2,300	4,300	13,500	2,000	4,200	13,000	66	67	91	131,000	282,000	1,183,000
Obion	2,300	5,200	18,000	2,000	5,000	17,700	79	62	95	158,000	310,000	1,682,000
Shelby	4,500	2,700	6,300	4,000	2,500	6,000	49	55	73	195,000	137,000	438,000
Tipton	3,500	3,100	9,000	3,000	3,000	8,500	71	42	88	214,000	126,000	748,000
District 1	27,000	30,300	98,500	23,000	29,000	95,500	73	63	90	1,682,000	1,835,000	8,626,000
Benton	850	1,700	5,200	800	1,300	4,850	65	30	75	52,000	39,000	364,000
Carroll	3,400	3,500	8,500	2,700	2,800	8,000	58	47	78	157,000	131,000	624,000
Chester	5,800	5,800	7,400	5,300	5,500	7,000	62	63	80	331,000	346,000	560,000
Crockett	2,000	1,800	3,200	1,600	1,700	3,000	69	31	82	110,000	53,000	246,000
Decatur	650	1,300	4,200	600	1,200	4,000	67	25	69	40,200	30,000	276,000
Fayette	8,700	9,000	14,000	7,900	8,200	13,400	63	54	73	496,000	444,000	978,000
Gibson	6,500	9,100	30,000	6,000	7,800	29,000	71	61	86	427,000	474,000	2,494,000
Hardeman	7,100	7,400	10,500	6,300	6,700	10,000	60	45	72	393,000	300,000	720,000
Hardin	2,400	2,300	10,600	2,000	2,000	9,500	64	38	75	128,000	75,500	713,000
Haywood	2,500	2,600	7,200	2,200	2,300	7,000	56	48	66	123,000	110,000	462,000
Henderson	2,000	2,100	8,000	1,600	1,700	7,800	67	48	67	107,000	82,000	523,000
Henry	1,600	1,700	2,800	1,300	1,400	2,500	67	31	70	87,000	43,000	175,000
McNairy	8,000	8,300	8,100	7,100	7,300	7,500	56	52	67	395,000	381,000	503,000
Madison	3,400	3,500	6,300	2,700	2,800	6,000	63	46	65	170,000	129,000	390,000
Weakley	5,000	4,700	10,000	4,100	4,300	9,800	75	42	90	308,000	180,000	882,000
District 2	59,900	64,900	136,000	52,400	57,000	129,350	63	49	77	3,324,200	2,817,500	9,910,000
Humphreys	[1]	[1]	550	[1]	[1]	550	[1]	[1]	66	[1]	[1]	33,000
Lawrence	1,900	2,000	5,000	1,700	1,700	4,500	59	40	67	100,300	68,000	302,000
Montgomery	[1]	[1]	1,800	[1]	[1]	1,500	[1]	[1]	90	[1]	[1]	135,000
Robertson	[1]	[1]	1,700	[1]	[1]	1,000	[1]	[1]	90	[1]	[1]	90,000
Wayne	[1]	[1]	3,000	[1]	[1]	2,500	[1]	[1]	66	[1]	[1]	165,000
Other Counties	2,200	1,700	1,450	1,800	1,500	1,060	56	38	65	100,500	56,500	68,000
District 3	4,100	3,700	13,000	3,500	3,200	11,060	57	39	72	200,800	124,500	793,000
Bedford	1,500	2,200	4,000	1,200	1,200	3,000	48	53	62	57,600	69,000	186,000
DeKalb	[1]	[1]	1,300	[1]	[1]	1,000	[1]	[1]	60	[1]	[1]	60,000
Giles	[1]	800	2,000	[1]	500	1,500	[1]	42	68	[1]	21,000	102,000
Lincoln	700	[1]	2,500	600	[1]	2,000	57	[1]	65	34,200	[1]	130,000
Marshall	700	[1]	1,100	550	[1]	700	67	[1]	60	36,850	[1]	42,000
Maury	600	[1]	1,500	450	[1]	1,200	65	[1]	67	29,250	[1]	80,500
Rutherford	[1]	900	3,900	[1]	550	3,000	[1]	47	69	[1]	26,000	207,000
Williamson	[1]	500	1,800	[1]	300	1,300	[1]	50	68	[1]	15,000	88,500
Other Counties	2,500	1,500	900	1,300	950	600	52	44	57	68,100	42,000	34,000
District 4	6,000	6,000	19,000	4,100	3,600	14,300	55	48	65	226,000	173,000	930,000
Coffee	[1]	[1]	1,800	[1]	[1]	1,500	[1]	[1]	59	[1]	[1]	88,500
Marion	[1]	700	700	[1]	400	600	[1]	35	50	[1]	14,000	30,000
Warren	600	800	7,900	500	450	6,000	57	40	56	28,500	18,000	336,000
Other Counties	1,400	1,500	900	900	850	500	42	34	53	37,500	29,000	26,500
District 5	2,000	3,000	11,000	1,400	1,700	8,600	47	36	56	66,000	61,000	481,000
Polk	[1]	700	1,000	[1]	150	600	[1]	47	51	[1]	7,000	30,600
Other Counties	1,000	1,500	1,500	600	350	600	43	49	49	26,000	17,000	29,400
District 6	1,000	2,200	2,500	600	500	1,200	43	48	50	26,000	24,000	60,000
State	100,000	110,000	280,000	85,000	95,000	260,000	65	53	80	5,525,000	5,035,000	20,800,000

[1]Less than 500 acres planted for all purposes, combined with other counties.

SORGHUM: Acreage, Yield, and Production—By Counties for 1985, 1986, and Preliminary 1987

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Acres						Bushels					
Dyer	85,000	32,000	17,200	84,600	31,600	16,500	92	79	100	7,770,000	2,500,000	1,658,000
Lake	13,000	3,000	2,800	12,900	2,900	2,700	90	78	100	1,160,000	225,000	270,000
Lauderdale	25,000	7,500	3,500	24,900	7,300	3,200	92	70	83	2,290,000	510,000	266,000
Obion	25,000	4,500	2,000	24,900	4,400	1,900	93	86	95	2,310,000	380,000	180,000
Shelby	12,000	4,000	2,000	11,900	3,900	1,900	73	59	77	870,000	230,000	146,000
Tipton	20,000	8,000	3,500	19,800	7,900	3,300	86	59	80	1,700,000	465,000	265,000
District 1	180,000	59,000	31,000	179,000	58,000	29,500	90	74	94	16,100,000	4,310,000	2,783,000
Benton	6,500	2,700	800	6,200	2,400	700	81	50	74	505,000	120,000	52,000
Carroll	13,000	2,500	1,100	12,500	2,300	900	76	61	78	950,000	140,000	70,000
Chester	10,000	2,700	1,000	9,800	2,600	900	64	50	61	630,000	130,000	55,000
Crockett	5,000	2,400	2,000	4,900	2,300	1,900	80	59	76	390,000	135,000	145,000
Decatur	5,000	2,500	1,700	4,900	2,400	1,600	69	52	57	340,000	125,000	91,000
Fayette	26,000	11,000	6,000	25,500	10,700	5,700	67	58	70	1,700,000	620,000	401,000
Gibson	68,000	21,000	8,000	67,000	20,300	7,100	79	69	85	5,300,000	1,400,000	607,000
Hardeman	14,000	5,500	2,300	13,500	5,300	2,100	68	59	71	920,000	310,000	150,000
Hardin	16,000	6,700	2,500	15,500	6,500	2,200	65	54	68	1,000,000	350,000	150,000
Haywood	11,500	4,000	1,800	11,300	3,900	1,700	76	64	77	860,000	250,000	131,000
Henderson	11,500	2,300	800	11,100	2,200	700	66	57	64	730,000	125,000	45,000
Henry	6,000	2,200	800	5,800	2,100	700	78	57	77	450,000	120,000	54,000
McNairy	11,000	3,500	1,400	10,500	3,400	1,300	62	54	72	650,000	185,000	94,000
Madison	9,000	2,200	1,300	8,600	2,100	1,200	78	57	67	670,000	120,000	80,000
Weakley	25,000	6,800	2,500	24,500	6,500	2,300	86	80	96	2,100,000	520,000	220,000
District 2	237,500	78,000	34,000	231,600	75,000	31,000	74	62	76	17,195,000	4,650,000	2,345,000
Cheatham	500	*	*	450	*	*	73	*	*	33,000	*	*
Dickson	500	*	*	450	*	*	76	*	*	34,000	*	*
Hickman	1,000	800	*	850	600	*	74	50	*	63,000	30,000	*
Humphreys	800	700	*	750	650	*	68	51	*	51,000	33,000	*
Lawrence	7,000	4,000	1,400	6,800	3,700	800	69	56	62	469,000	208,000	49,500
Lewis	800	600	*	700	500	*	70	48	*	49,000	24,000	*
Montgomery	1,500	800	*	1,400	650	*	93	57	*	130,000	37,000	*
Perry	800	600	*	700	550	*	75	53	*	52,500	29,000	*
Robertson	1,500	1,400	500	1,400	1,200	400	93	51	80	130,000	61,000	32,000
Wayne	2,500	1,800	*	2,400	1,600	*	75	53	*	180,000	85,000	*
Other Counties	600	1,300	3,100	500	1,050	2,300	67	50	58	33,500	53,000	133,500
District 3	17,500	12,000	5,000	16,400	10,500	3,500	75	53	61	1,225,000	560,000	215,000
Bedford	4,500	3,000	1,500	4,000	2,300	800	73	61	65	290,000	140,000	52,300
Cannon	500	*	*	400	*	*	65	*	*	26,000	*	*
DeKalb	1,500	1,400	600	1,300	1,000	350	69	61	66	90,000	61,000	23,000
Giles	2,700	2,000	900	2,300	1,700	500	67	53	62	155,000	90,000	31,000
Lincoln	3,000	2,500	1,200	2,800	1,800	600	75	64	64	210,000	115,000	38,500
Marshall	1,500	1,000	650	1,200	700	400	65	51	63	78,000	36,000	25,000
Maury	3,000	2,000	1,300	2,700	1,600	800	76	50	60	205,000	80,000	48,300
Rutherford	8,000	2,500	1,400	6,700	1,900	800	71	47	66	475,000	90,000	53,000
Williamson	1,800	1,700	1,100	1,500	1,200	600	64	50	62	96,000	60,000	37,000
Other Counties	1,500	1,900	1,350	1,100	1,300	750	68	52	68	75,000	68,000	50,900
District 4	28,000	18,000	10,000	24,000	13,500	5,600	71	55	64	1,700,000	740,000	359,000
Coffee	2,000	1,200	650	1,900	1,000	500	71	64	52	135,000	64,000	26,000
Franklin	900	700	500	800	500	300	75	64	52	60,000	32,000	15,500
Marion	1,200	800	600	1,100	600	450	75	67	51	82,000	40,000	23,000
Warren	4,900	3,400	2,600	4,400	2,100	1,200	71	60	55	312,000	125,000	65,500
White	1,000	900	600	800	700	400	61	57	57	49,000	40,000	22,800
Other Counties	2,000	1,300	1,050	1,500	800	750	61	55	55	92,000	44,000	41,200
District 5	12,000	8,300	6,000	10,500	5,700	3,600	70	61	54	730,000	345,000	194,000
Bradley	*	*	600	*	*	200	*	*	55	*	*	11,000
McMinn	700	600	500	500	300	200	72	50	55	36,000	15,000	11,000
Polk	800	700	*	600	450	*	68	58	*	41,000	26,000	*
Other Counties	3,500	3,400	2,900	2,400	1,550	1,400	72	51	57	173,000	79,000	80,000
District 6	5,000	4,700	4,000	3,500	2,300	1,800	71	52	57	250,000	120,000	102,000
State	480,000	180,000	90,000	465,000	165,000	75,000	80	65	80	37,200,000	10,725,000	6,000,000

*Less than 500 acres planted for all purposes, combined with other counties.

HAY

ALL HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Avg. Price	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1978	1,250	1.53	1,912	50.00	95,600
1979	1,240	1.63	2,022	50.50	102,111
1980	1,185	1.49	1,764	46.00	81,144
1981	1,270	1.64	2,078	49.00	101,822
1982	1,330	1.65	2,190	47.50	104,025
1983	1,350	1.51	2,044	49.50	101,178
1984	1,500	1.79	2,678	52.00	139,256
1985	1,620	1.95	3,156	52.00	164,112
1986	1,380	1.52	2,092	61.00	127,612
1987	1,540	1.72	2,644	54.00	142,776

ALFALFA: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Avg. Price	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1978	105	2.40	252	62.00	15,624
1979	105	2.50	263	65.00	17,095
1980	105	2.40	252	67.00	16,884
1981	115	2.50	288	67.00	19,296
1982	130	3.00	390	66.00	25,740
1983	140	2.50	350	70.50	24,675
1984	150	3.00	450	72.00	32,400
1985	120	3.80	456	72.00	32,832
1986	100	3.00	300	88.00	26,400
1987	120	2.70	324	98.00	31,752

ALL OTHER HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage Harvested	Yield Per Acre	Total Production	Marketing Year Avg. Price	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1978	1,145	1.45	1,660	48.00	79,976
1979	1,135	1.55	1,759	48.50	85,016
1980	1,080	1.40	1,512	42.50	64,260
1981	1,155	1.55	1,790	46.00	82,526
1981	1,200	1.50	1,800	43.50	78,285
1983	1,210	1.40	1,694	45.00	76,503
1984	1,350	1.65	2,228	48.00	106,856
1985	1,500	1.80	2,700	48.50	131,280
1986	1,280	1.40	1,792	56.50	101,212
1987	1,450	1.60	2,320	48.00	111,024

HAY: PRICES RECEIVED BY FARMERS IN TENNESSEE, BY MONTHS, 1978-87

DOLLARS PER TON

Crop Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing Year Average[1]
						ALFALFA HAY							
1978	65.50	63.50	63.00	57.00	59.00	61.50	62.00	63.20	63.20	65.00	65.00	65.50	62.00
1979	65.50	66.00	64.00	65.00	64.50	64.50	65.00	69.00	65.50	66.00	63.50	63.50	65.00
1980	62.00	64.50	63.50	62.50	65.50	67.50	69.50	68.00	74.00	75.50	64.90	63.00	67.00
1981	62.50	59.00	65.00	63.00	67.00	80.00	70.00	78.00	66.00	64.00	63.00	61.00	67.00
1982	62.00	66.00	63.00	62.00	66.00	68.00	70.00	56.00	71.60	69.00	67.90	70.80	66.00
1983	70.00	77.00	66.00	73.00	64.00	64.00	66.00	67.00	81.00	85.00	70.00	68.00	70.50
1984	68.00	72.00	74.00	73.00	73.00	77.00	70.00	65.00	69.00	75.00	70.00	70.00	72.00
1985	65.00	65.00	65.00	65.00	65.00	70.00	75.00	78.00	85.00	85.00	80.00	85.00	72.00
1986	82.00	86.00	86.00	84.00	92.00	85.00	88.00	94.00	92.00	90.00	84.00	96.00	88.00
1987	94.00	94.00	109.00	106.00	99.00	97.00	97.00	97.00	97.00	96.00	97.00	—	98.00[2]
						ALL OTHER HAY							
1978	56.50	50.30	48.50	46.50	45.50	46.50	46.50	47.40	48.80	49.80	49.30	49.50	48.00
1979	49.00	48.00	48.00	48.50	49.50	47.50	50.00	53.00	51.00	48.00	44.00	44.00	48.50
1980	43.00	42.00	43.00	42.50	44.50	42.00	41.00	43.50	47.50	45.60	43.30	43.00	42.50
1981	45.00	45.00	45.00	50.00	46.00	53.00	42.00	54.00	45.00	45.00	42.00	43.00	46.00
1982	44.00	47.00	45.00	46.00	47.00	45.00	46.00	41.00	42.70	48.00	45.30	43.20	43.50
1983	40.30	41.00	48.00	46.00	46.00	46.00	46.00	50.00	50.00	49.00	55.00	54.00	45.00
1984	50.00	57.00	48.00	49.00	43.00	45.00	48.00	45.00	50.00	50.00	55.00	49.00	48.00
1985	44.00	49.00	45.00	45.00	48.00	50.00	54.00	54.00	49.00	49.00	48.00	50.00	48.50
1986	55.00	59.00	55.00	55.00	60.00	57.00	51.00	57.00	57.00	55.00	55.00	52.00	56.50
1987	51.00	53.00	46.00	52.00	48.00	44.00	45.00	48.00	46.00	45.00	46.00	—	48.00[2]
						ALL HAY							
1978	57.50	52.00	50.00	47.70	47.70	48.15	48.20	49.15	50.40	51.50	51.00	51.00	50.00
1979	50.80	50.00	49.80	50.30	51.20	49.50	51.70	54.80	52.50	50.00	46.00	46.00	50.50
1980	45.00	44.50	45.50	44.50	47.00	45.00	44.00	46.00	50.50	48.90	45.70	45.20	46.00
1981	46.90	46.50	47.00	51.30	48.10	55.70	44.80	56.40	47.00	47.00	44.00	45.00	49.00
1982	46.00	49.00	47.00	48.00	49.00	47.00	48.00	43.00	45.60	50.10	47.60	46.00	47.50
1983	43.30	45.00	50.00	49.00	48.00	48.00	48.00	52.00	53.00	53.00	56.00	55.00	49.50
1984	52.00	58.00	57.00	51.00	50.00	48.00	51.00	50.00	53.00	54.00	57.00	52.00	52.00
1985	47.00	51.00	51.00	50.00	50.00	53.00	57.00	58.00	54.00	54.00	53.00	55.00	52.00
1986	59.00	63.00	60.00	59.00	65.00	61.00	56.00	62.00	62.00	60.00	59.00	58.00	61.00
1987	56.00	58.00	53.00	58.00	54.00	50.00	51.00	54.00	52.00	51.00	52.00	—	54.00[2]

[1]Marketing year is May 1 of the current year through April 30 of the following year.
[2]Preliminary based on the first eleven months of the marketing year.

HAY: PRODUCTION, STOCKS ON FARMS, TENNESSEE, 1978-87

Crop Year	Production	Stocks			
		January 1[1]	Percent of Production	May 1[1]	Percent of Production
	1,000 Tons	1,000 Tons		1,000 Tons	
1978	1,912	1,472	77.0	421	22.0
1979	2,022	1,658	82.0	566	28.0
1980	1,764	1,305	74.0	335	19.0
1981	2,078	1,559	75.0	520	25.0
1982	2,190	1,730	79.0	416	19.0
1983	2,044	1,431	70.0	368	18.0
1984	2,678	1,901	71.0	482	18.0
1985	3,156	2,115	67.0	537	17.0
1986	2,092	1,925[2]	92.0	251	12.0
1987	2,644	2,485	94.0		

[1]Following year stocks. [2]December 1 of crop year beginning in 1986.

GRAIN STOCKS BY STORAGE POSITION: TENNESSEE, 1982-86

Year	January 1			April 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			SOYBEANS			
1982	15,863	19,501	35,364	6,463	6,684	13,147
1983	17,676	16,925	34,601	6,705	9,505	16,210
1984	9,456	10,677	20,133	4,728	4,633	9,361
1985	14,911	10,842	25,753	9,620	4,257	13,877
1986	10,862	11,992	22,854	4,979	4,771	9,750
			CORN			
1982	30,643	5,151	35,794	16,666	4,354	21,020
1983	32,886	6,438	39,324	17,010	6,376	23,386
1984	14,054	5,137	19,191	8,294	4,907	13,201
1985	36,053	5,857	41,910	22,287	5,047	27,334
1986	33,340	9,172	42,512	[2]	8,152	[2]
			WHEAT			
1982	3,366	8,095	11,461	1,309	2,760	4,069
1983	3,287	8,647	11,934	1,345	3,434	4,779
1984	3,168	9,821	12,989	1,782	3,983	5,765
1985	2,354	8,022	10,376	1,070	3,821	4,891
1986	1,360	4,745	6,105	[2]	3,278	[2]
			GRAIN SORGHUM			
1982	1,628	[3]	[3]	698	[3]	[3]
1983	1,602	[3]	[3]	718	[3]	[3]
1984	655	[3]	[3]	504	519	1,023
1985	3,952	[3]	[3]	1,872	732	2,604
1986	3,534	7,096	10,630	[2]	[2]	[2]

GRAIN STOCKS BY STORAGE POSITION: TENNESSEE, 1986-87

Year	December 1			Following March 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			SOYBEANS			
1986	19,000	11,800	30,800	5,000	10,145	15,145
1987	**6,500**	**8,231**	**14,731**			
			CORN			
1986	[2]	18,664	[2]	[2]	17,448	[2]
1987	[2]	**21,710**	[2]			
			WHEAT			
1986	[2]	5,024	[2]	[2]	4,350	[2]
1987	[2]	**3,660**	[2]			

[1]Includes stocks at mills, elevators, warehouses, terminals, and processors.
[2]Estimates discontinued.
[3]Not published to avoid disclosing individual operations.

GRAIN STOCKS BY STORAGE POSITION: TENNESSEE, 1981-85

Year	June 1			October 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			CORN			
1981	7,066	3,250	10,316	2,355	1,042	3,397
1982	13,440	2,882	16,322	3,494	1,716	5,210
1983	8,505	5,824	14,329	4,536	2,820	7,356
1984	5,760	3,903	9,663	922	588	1,510
1985	13,110	4,282	17,392	2,294	814	3,108
			WHEAT			
1981	186	2,514	2,700	3,553	8,217	11,770
1982	636	2,269	2,905	3,586	9,750	13,336
1983	1,195	2,024	3,219	3,960	12,326	16,286
1984	396	2,414	2,810	4,280	11,271	15,551
1985	428	2,894	3,322	1,520	6,254	7,774
			GRAIN SORGHUM			
1981	193	[2]	[2]	18	[2]	[2]
1982	279	[2]	[2]	140	[2]	[2]
1983	332	[2]	[2]	111	[2]	[2]
1984	252	[2]	[2]	151	[2]	[2]
1985	832	444	1,276	166	[2]	[2]

GRAIN STOCKS BY STORAGE POSITION: TENNESSEE, 1981-87

Year	June 1			September 1		
	On Farm	Off Farm[1]	Total	On Farm	Off Farm[1]	Total
	1,000 Bushels			1,000 Bushels		
			SOYBEANS			
1981	4,361	4,538	8,899	1,836	1,840	3,676
1982	3,819	2,944	6,763	1,293	1,165	2,458
1983	4,267	4,599	8,866	1,524	2,514	4,038
1984	1,576	3,391	4,967	630	1,483	2,113
1985	5,772	2,058	7,830	3,367	1,169	4,536
1986	4,073	3,566	7,639	1,800	2,179	3,979
1987	1,700	7,836	9,536	1,300	2,107	3,407
			CORN			
1986	[3]	7,185	[3]	[3]	9,332	[3]
1987	[3]	15,767	[3]	[3]	14,057	[3]
			WHEAT			
1986	[3]	2,726	[3]	[3]	6,462	[3]
1987	[3]	2,859	[3]	[3]	4,470	[3]
			GRAIN SORGHUM			
1986	1,488	2,685	4,173	700	2,532	3,232
1987	1,650	5,725	7,375	1,000	5,787	6,787

[1]Includes Stocks At Mills, Elevators, Warehouses, Terminals, and Processors.
[2]Not Published To Avoid Disclosing Individual Operations.
[3]Estimates Discontinued.

POTATO ACREAGE CONTINUES TO DECLINE

Tennessee potato growers produced the fewest Irish and sweet potatoes in 1987 since records began in 1866. This reduction was primarily due to a sharp cut in acreage, but poor summer growing conditions also played a role. During the past 10 years (1978-87), Irish potato acreage has declined 44 percent and sweet potato acreage has declined 47 percent. The most acres ever planted to Irish potatoes was 56,000 in 1943 and the most for sweet potatoes was 75,000 in 1932.

Dry weather resulted in poor Irish potato yields for the second year in a row. Size and quality, however were good. Irish potato yields average 80 hundredweight per acre in 1987 compared with 90 in 1986. The average sweet potato yield in 1987 equaled the 1986 yield of 110 hundredweight per acre. The best Irish potato and sweet potato yields ever were 150 hundredweight per acre in 1985.

Irish potato production in 1987, at 144,000 hundredweight, was down 38 percent from the 234,000 hundredweight in 1986. Sweet potato production, at 88,000 hundredweight, was down 11 percent from the 99,000 hundredweight produced in 1986.

The 1987 Irish potato crop was grown on 1,800 acres and was valued at 1.5 million dollars. Sweet potatoes were grown on 800 acres and valued at 1.3 million dollars.

IRISH POTATOES: ACREAGE, YIELD, PRODUCTION AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price Per Cwt.	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1978	3,200	3,200	105	336	7.25	2,436
1979	3,300	3,300	105	347	7.95	2,759
1980	2,800	2,800	70	196	7.60	1,490
1981	3,100	3,100	90	279	9.80	2,734
1982	2,700	2,700	95	257	8.50	2,185
1983	2,500	2,500	70	175	8.50	1,488
1984	3,000	3,000	90	270	9.40	2,538
1985	2,500	2,500	150	375	7.60	2,850
1986	2,600	2,600	90	234	9.55	2,235
1987	1,800	1,800	80	144	10.30	1,483

SWEET POTATOES: ACREAGE, YIELD, PRODUCTION AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price Per Cwt.	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1978	1,500	1,500	100	150	9.65	1,448
1979	2,000	2,000	105	210	11.10	2,331
1980	2,000	2,000	80	160	14.80	2,368
1981	1,800	1,800	80	144	15.20	2,189
1982	1,500	1,500	85	128	10.20	1,306
1983	1,400	1,400	80	112	14.20	1,590
1984	1,000	1,000	95	95	13.90	1,321
1985	1,100	1,100	150	165	11.60	1,914
1986	900	900	110	99	11.70	1,158
1987	800	800	110	88	14.50	1,276

ANOTHER GOOD FRESH MARKET TOMATO CROP

Despite reduced acreage and poor summer growing conditions, the 1987 fresh market tomato crop was much better than average. Tennessee's very good early season tomato crop partially offset the poor, late season crop which was reduced by the hot, dry summer weather. Tomato production totaled 828,000 hundredweight in 1987. This compares with 1.05 million hundredweight in 1986 and is almost twice the production of 10 years ago.

The State's average yield of 180 hundredweight per acre compares with 210 in 1986 and a record 280 in 1985. Acreage harvested was down 8 percent from 5,000 acres in 1986 to 4,600 acres in 1987.

Tennessee maintained its position as a major fresh market tomato producing state. Only California, Florida, and South Carolina produced more fresh market tomatoes than Tennessee.

TOMATOES, FRESH MARKET: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price Per Cwt.	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1978	4,400	4,200	105	441	26.30	11,598
1979	3,900	3,700	100	370	23.20	8,584
1980	3,900	3,700	110	407	21.20	8,628
1981	4,500	4,300	120	516	23.50	12,126
1982	4,500	4,300	125	538	23.10	12,428
1983	4,500	4,200	100	420	20.00	8,400
1984	4,500	4,200	200	840	23.00	19,320
1985	4,700	4,500	280	1,260	19.00	23,940
1986	5,300	5,000	210	1,050	20.00	21,000
1987	4,800	4,600	180	828	23.00	19,044

SNAP BEANS, PROCESSING: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-87

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average Price Per Cwt.	Value of Production
	Acres		Tons	Tons	Dollars/Ton	1,000 Dollars
1978	14,400	12,000	1.61	19,300	175.00	3,378
1979	12,200	9,900	1.61	15,940	183.00	2,917
1980	13,700	12,100	1.05	12,710	211.00	2,682
1981	7,800	7,600	2.54	19,300	211.00	4,072
1982	7,400	6,900	2.59	17,870	204.00	3,645
1983	5,300	4,900	1.82	8,920	200.00	1,784
1984	5,400	5,300	2.14	11,340	204.00	2,313
1985	5,200	5,000	2.25	11,250	203.00	2,284
1986	5,700	5,300	1.43	7,580	199.00	1,508
1987	5,700	5,400	2.00	10,800	195.00	2,106

APPLES PLENTIFUL

Tennessee's apple growers in 1987 produced the most apples since 1964, with total value the highest since records began in 1934. Apple production totaled 15 million pounds, up 67 percent from the 9 million pounds produced in 1986. East Tennessee producers harvested a good crop for the first time in two years. The State's 1987 apple crop was valued at 2.0 million dollars. Prices were off sharply from 18.5 cents per pound in 1986, to 14.1 cents in 1987.

COMMERCIAL APPLES: Production, Price, And Value, Tennessee, 1978-87[1]

Crop Year	Total Production[2]	Utilized Production[3]	Marketing Year Average Price[4]	Value of Production[5]
	Million Pounds		Cents Per Pound	1,000 Dollars
1978	8.0	7.7	14.20	1,093
1979	10.0	10.0	14.70	1,470
1980	8.0	7.2	16.40	1,181
1981	11.0	9.5	12.90	1,230
1982	4.5	4.2	17.70	742
1983	8.5	8.2	14.50	1,192
1984	13.0	11.5	16.10	1,846
1985	11.0	10.0	13.60	1,358
1986	9.0	8.5	18.50	1,572
1987	15.0	14.0	14.10	1,974

PEACHES SCARCE

For the third consecutive year, Tennessee's peach crop suffered damage in 1987. A freeze in late March, and, again in early April, caught most peach orchards in full bloom. Most growers reported a total loss. In only one of the last six years (1984) has the peach crop escaped this type of damage and reached the 8 to 10 million pounds expected. The Tennessee peach crop declined from 4.0 million pounds in 1986 to 2.6 million pounds in 1987. Prices rose to a record high average of 34.6 cents per pound for those growers fortunate enough to have peaches. This compares with 24.0 cents in 1986. The value of the crop, at 865,000 dollars, was down just 3 percent from the 888,000 dollars in 1986.

COMMERCIAL PEACHES: Production, Price, And Value, Tennessee, 1978-87[1]

Crop Year	Total Production[2]	Utilized Production[3]	Marketing Year Average Price[4]	Value of Production[5]
	Million Pounds		Cents Per Pound	1,000 Dollars
1978	8.4	8.4	16.00	1,344
1979	8.5	8.5	16.00	1,360
1980	8.4	8.4	17.80	1,495
1981	10.0	9.5	18.50	1,758
1982	1.5	1.5	25.00	375
1983	4.0	4.0	22.00	880
1984	10.0	9.0	21.00	1,890
1985	[6]	[6]	[6]	[6]
1986	4.0	3.7	24.00	888
1987	2.6	2.5	34.60	865

[1]"Commercial" refers to the total production in orchards of 100 or more bearing age trees.
[2]Total production is the quantity actually harvested plus quantities which were not harvested because of economic or natural reasons.
[3]Utilized production is the amount sold plus the quantities used at home or held in storage.
[4]Average for all methods of sale.
[5]Value of production is price times utilized production.
[6]No significant production due to frost.

FLORICULTURE: PRODUCTION AND VALUE, TENNESSEE, 1985-87

Crop Year	Producers [1]	Production Area	Quantity Sold	Percentage of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale [2]
	Number	1,000 Square Feet	1,000	Percent	Dollars	1,000 Dollars
			CHRYSANTHEMUMS, EXCLUDING HARDY (POTTED)[3]			
1985	20	154	181	95	3.44	623
1986	23	180	235	98	3.46	813
1987	30	265	252	90	3.27	824
			CHRYSANTHEMUMS, HARDY (POTTED)			
1985	47	269	282	74	1.72	485
1986	44	317	186	76	1.71	318
1987	59	338	287	75	1.49	428
			EASTER LILIES (POTTED)			
1985	19	134	103	98	3.79	390
1986	20	63	75	98	3.77	283
1987	27	74	91	90	3.83	349
			FINISHED FLORIST AZALEAS (POTTED)			
1985	[4]	[4]	[4]	[4]	[4]	[4]
1986	16	81	46	97	6.54	301
1987	21	81	76	90	6.24	474
			POINSETTIAS (POTTED)			
1985	69	890	583	87	3.17	1,848
1986	77	988	609	89	3.36	2,046
1987	85	1,146	623	82	3.53	2,197
			FLOWERING HANGING BASKETS			
1985	77	[4]	322	92	5.00	1,610
1986	91	[4]	278	87	4.63	1,287
1987	122	[4]	347	81	4.46	1,548
			FOLIAGE HANGING BASKETS			
1985	54	[4]	163	94	4.88	795
1986	72	[4]	170	88	4.99	848
1987	98	[4]	222	81	5.68	1,261
			FOLIAGE PLANTS (POTTED)			
1985	34	200	[4]	78	[4]	851
1986	35	115	[4]	84	[4]	400
1987	37	168	[4]	84	[4]	719
			BEDDING GERANIUMS (FLATS)			
1985	27	82	48	69	6.55	314
1986	33	108	54	71	7.31	395
1987	29	70	35	67	9.82	344
			BEDDING GERANIUMS FROM CUTTINGS (POTTED)			
1985	64	258	639	81	1.18	754
1986	61	169	307	76	1.37	421
1987	80	296	487	64	1.41	687
			BEDDING GERANIUMS FROM SEED (POTTED)			
1985	25	64	203	84	1.01	205
1986	36	151	349	73	1.06	370
1987	56	190	435	76	1.05	472
			BEDDING/GARDEN VEGETABLE (FLATS)			
1985	83	393	332	62	5.18	1,720
1986	85	382	215	69	4.90	1,054
1987	98	440	243	51	5.29	1,285
			VEGETABLE TYPE BEDDING PLANTS (POTTED)			
1985	20	48	104	85	.85	88
1986	21	22	39	50	.73	28
1987	38	52	103	51	.80	82

[1]Number of growers with sales over $10,000.
[2]Equivalent wholesale value of combined retail and wholesale sales.
[3]Includes only those sold for indoor and patio use.
[4]Not available.

PASTURE CONDITION: TENNESSEE, 1978-1987[1]

Year	May	June	July	Aug.	Sep.	Oct.	Nov.
1978	82	89	87	79	81	71	65
1979	89	94	91	95	93	93	88
1980	89	94	79	60	50	51	57
1981	89	89	91	89	88	85	82
1982	85	87	60	82	88	88	84
1983	81	93	91	70	47	47	60
1984	85	91	77	83	85	60	78
1985	84	86	86	72	85	81	85
1986	72	75	72	66	72	79	81
1987	83	79	78	75	69	75	67
10 Yr. Avg.	84	88	83	77	76	73	75

[1]Good to excellent, 80 and over; poor to fair, 65-79; very poor, 50-64; severe drought, 35-49; extreme drought, under 35.

TENNESSEE LIVESTOCK SUMMARY

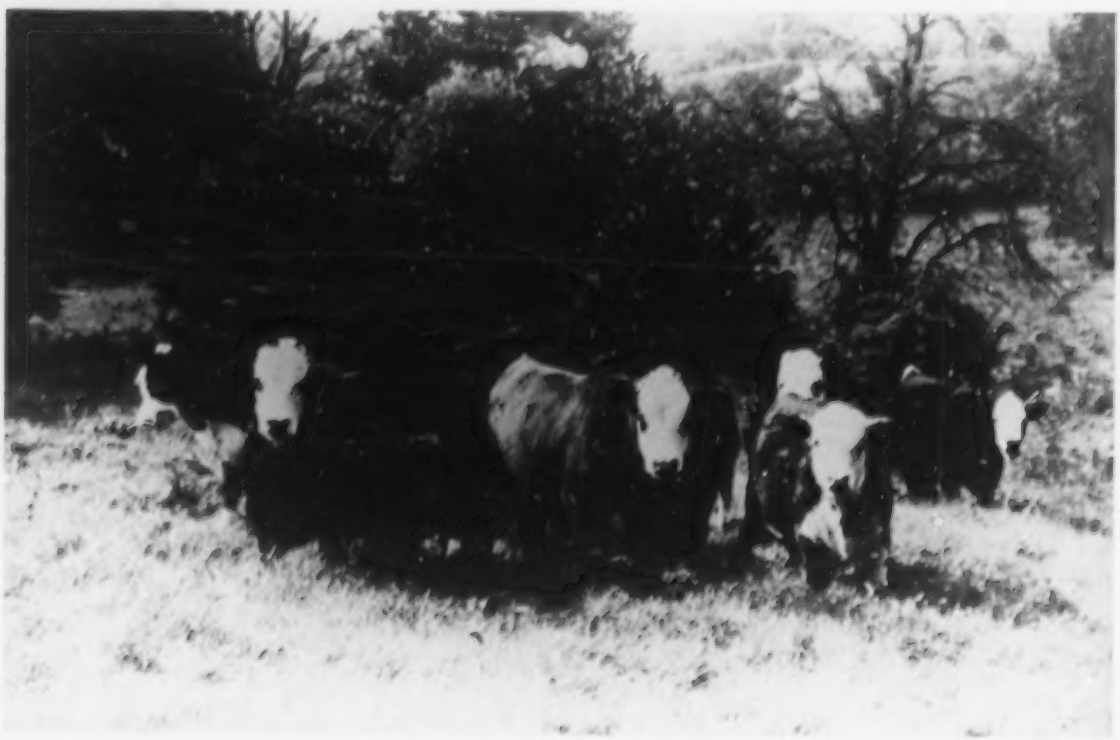
The livestock industry in Tennessee came through 1987 with flying colors. There were 2.3 million cattle and calves on hand January 1, 1988 and 12,000 sheep and lambs. The hogs and pigs count on December 1, 1987 was 800,000. These numbers indicate declines for cattle and sheep of 4 and 8 percent respectively while hogs and pigs showed a 4 percent increase. The good news for the state's livestock farmers resulted from improved prices.

Tennessee livestock producers marketed 6 percent fewer animals during 1987 than in 1986, but prices increased more than enough to offset the drop in marketings. Marketings of hogs dropped 110.8 million pounds in 1987 from a year earlier, but cattle and sheep marketings were up 35.1 and .4 million pounds respectively. However, higher prices received for all three categories pushed the total cash receipts in 1987 to $689 million compared with $605 million in 1986. Cash receipts for cattle and calves accounted for 81 percent of the total, while hogs and pigs accounted for only 19 percent. Sheep and lambs once again accounted for less than one percent of the total. Red meat production totaled 1.01 billion pounds during 1987, down 9 percent from 1986.

Higher cattle marketings along with higher prices received in 1987 resulted in cash receipts totaling $557 million, up 28 percent from 1986. All cattle marketings at 1.03 billion pounds increased 4 percent from the previous year. The 1987 average price for cattle at $52.50 per 100 pounds liveweight was up $9.70 from a year ago. The average calf price for 1987 was $72.60, up $16.30 from 1986. These are the highest cattle and calf prices received since 1979.

Cash receipts for hogs and pigs totaled $132 million, down 22 percent from 1986. Marketings totaled 244 million pounds, compared with 355 million pounds a year earlier. The 1987 average price for hogs and pigs at $50.40 per 100 pounds liveweight was $4.70 above 1986.

Higher marketings of sheep and lambs combined with higher prices received in 1987 yielded cash receipts of more than twice the 1986 total. Cash receipts totaled $472,000 compared with $222,000 the previous year. Marketings at 813,000 pounds were up 78 percent from a year earlier. The 1987 average price for sheep at $28.50 per 100 pounds liveweight increased $7.50 from 1986 while lamb prices at $81.80 increased $14.00.



LIVESTOCK AND POULTRY FARMS: TENNESSEE, 1981-87

Year	Cattle	Dairy	Hogs	Sheep	Chickens
			1,000 Farms		
1981	76	9.4	27	.450	10.0
1982	77	8.5	23	.400	8.0
1983	77	8.5	22	.430	7.5
1984	76	7.0	22	.450	7.5
1985	76	6.7	21	.470	7.3
1986	74	6.4	18	.470	[1]
1987	70	6.2	15	.550	[1]

[1]Discontinued.

LIVESTOCK ON FARMS: TENNESSEE, JANUARY 1, 1987-88

Class of Livestock or Poultry	Number		Farm Value Per Head		Total Farm Value	
	1987	1988	1987	1988	1987	1988
	1,000 Head		Dollars		1,000 Dollars	
All Cattle & Calves	2,400	2,300	335.00	465.00	804,000	1,069,500
Hogs and Pigs[1]	770	800	91.00	80.00	70,070	64,000
Sheep and Lambs	13	12	76.50	73.00	988	876
Chickens[1] [2]	3,500	3,250	1.70	1.25	5,950	4,063
Total	—	—	—	—	881,008	1,138,439

[1]December 1 previous year. [2]Does not include commercial broilers.

LIVESTOCK BY CLASS: TENNESSEE, JANUARY 1, 1983-88

Classes	1983	1984	1985	1986	1987	1988
			1,000 Head			
All Cows that have Calved	1,360	1,360	1,260	1,250	1,230	1,190
Beef Cows	1,143	1,146	1,050	1,040	1,027	986
Milk Cows	217	214	210	210	203	204
Heifers 500 Pounds and Over	350	380	320	345	310	285
For Beef Cow Replacement	185	215	170	190	175	165
For Milk Cow Replacement	95	95	90	100	85	75
Other Heifers	70	70	60	55	50	45
Steers 500 Pounds and Over	160	160	165	165	155	140
Bulls 500 Pounds and Over	75	75	65	65	60	60
Heifers, Steers, and Bulls under 500 Pounds	730	775	725	675	645	625
All Cattle and Calves	2,675	2,750	2,535	2,500	2,400	2,300
All Hogs and Pigs[1]	750	950	1,100	950	770	800
Ewes 1 year old and over	6.0	4.8	6.8	7.7	8.7	8.9
Ewe Lambs	1.0	.5	.8	.8	2.3	1.7
Other Stock Sheep	1.0	.7	1.4	1.5	2.0	1.4
All Sheep & Lambs	8	6	9	10	13	12
Hens and Pullets of Laying Age[1]	3,650	3,000	3,200	2,680	2,585	2,470
Other Pullets[1]	910	790	780	[2]	815	700
Other Chickens[1]	140	110	120	[2]	100	80
All Chickens[1] [3]	4,700	3,900	4,100	3,300	3,500	3,250

[1]December 1 previous year. [2]Not published to avoid disclosure of individual operations. [3]Does not include commercial broilers.

CATTLE

CATTLE AND CALVES: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1982-88

Year	All Cattle and Calves January 1	Calves Born	Inshipments	Marketing[2] Cattle	Marketing[2] Calves	Slaughter on Farms Cattle and Calves	Deaths Cattle	Deaths Calves
				1,000 Head				
1982	2,500	1,180	120	609	380	6	40	90
1983	2,675	1,220	148	688	458	5	42	100
1984	2,750	1,160	216	1,027	426	3	40	95
1985	2,535	1,120	241	893	360	3	40	100
1986	2,500	1,140	286	970	414	2	45	95
1987	2,400	1,100	359	995	433	6	35	90
1988[1]	2,300							

Year	Production[3]	Marketings[4]	Price Per Cwt. Cattle	Price Per Cwt. Calves	Cash Receipts[5]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars			1,000 Dollars	
1982	656,670	611,010	45.00	54.30	281,581	13,697	295,278
1983	766,950	755,440	45.40	55.90	355,095	12,867	367,962
1984	780,125	1,048,255	44.60	54.10	477,099	9,725	486,824
1985	798,765	934,025	44.50	56.50	425,838	9,404	435,242
1986	764,235	991,795	42.50	56.30	435,028	9,026	444,054
1987	743,755	1,026,870	52.20	72.60	557,032	8,865	565,897

[1]Preliminary.
[2]Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.
[3]Adjustments made for changes in inventory and for inshipments.
[4]Excludes interfarm sales within the State and custom slaughter on farms where produced.
[5]Receipts from marketing and sale of farm slaughter.

CATTLE AND CALVES: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-87

DOLLARS PER CWT.

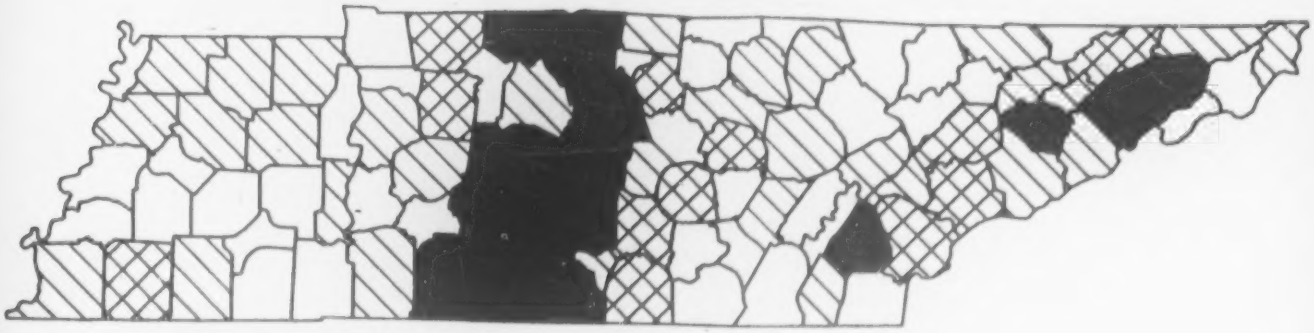
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						BEEF CATTLE							
1982	41.60	44.60	44.50	46.30	47.30	46.00	46.20	47.20	44.40	43.70	44.30	42.80	45.00
1983	46.60	49.40	50.90	50.40	49.60	48.30	45.80	42.70	42.60	42.60	41.30	42.10	45.40
1984	42.80	46.30	47.60	46.80	45.30	43.60	44.30	45.70	43.80	42.70	43.20	45.10	44.60
1985	43.90	45.50	46.70	49.50	47.40	45.50	41.30	42.80	42.60	42.60	43.80	40.80	44.50
1986	42.00	43.30	44.20	41.70	39.70	41.20	40.20	42.80	44.50	43.60	42.50	43.80	42.50
1987	45.90	48.60	50.40	52.40	50.40	52.90	52.90	56.30	57.00	54.40	52.40	52.10	52.20
						ALL COWS							
1982	35.90	37.60	37.50	39.40	40.80	39.30	38.40	38.10	36.80	35.40	35.40	34.60	37.50
1983	37.50	39.50	40.30	40.10	41.70	40.10	39.80	35.70	34.20	33.60	33.10	32.60	36.70
1984	33.80	38.30	40.50	39.30	38.90	37.20	36.60	37.50	34.40	34.50	32.90	33.30	36.20
1985	36.60	37.00	38.00	37.60	38.90	36.30	34.30	34.20	32.70	31.70	32.00	33.00	35.20
1986	33.40	35.40	34.90	32.20	32.90	34.90	33.20	33.80	35.10	34.30	33.50	33.70	33.90
1987	37.70	39.10	40.40	42.20	42.50	42.60	41.70	41.10	42.40	42.10	41.10	44.10	41.30
						STEERS AND HEIFERS							
1982	49.20	52.90	54.10	54.60	56.00	54.80	55.00	56.30	53.80	51.90	51.90	51.20	53.70
1983	54.30	57.80	59.00	59.10	57.10	55.60	51.90	49.20	49.30	48.90	49.50	52.00	53.00
1984	53.00	56.60	55.40	54.10	52.70	50.50	51.40	52.80	50.80	50.90	52.00	52.90	52.50
1985	54.00	56.40	55.60	57.80	56.00	53.70	50.00	51.90	50.00	51.10	51.90	50.80	53.40
1986	51.80	53.00	52.30	50.00	48.10	49.30	50.10	52.40	53.70	52.50	51.80	53.90	51.70
1987	54.90	58.60	59.70	62.40	62.10	65.80	65.20	68.90	69.90	64.90	64.70	65.50	63.60
						CALVES							
1982	51.40	54.40	56.40	56.90	57.50	55.30	53.70	55.90	53.40	51.30	51.30	54.40	54.30
1983	58.00	63.20	63.40	63.70	62.00	57.30	55.20	50.80	50.30	51.20	53.20	53.60	55.90
1984	55.30	58.60	57.70	57.80	55.60	52.30	52.70	55.30	51.60	52.20	53.40	51.00	54.10
1985	56.30	58.30	58.90	60.30	59.70	56.70	53.60	57.30	54.80	54.60	55.90	53.40	56.50
1986	55.90	59.30	57.70	55.40	51.40	53.30	55.80	56.50	59.20	57.50	55.70	56.00	56.30
1987	60.30	65.70	67.20	70.50	72.80	75.00	74.90	78.60	79.70	72.00	75.60	76.20	72.60

[1]Marketing year January 1 to December 31. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month during the marketing year.

TENNESSEE

CATTLE AND CALVES

January 1, 1988



HEAD

- 40,000 and Over
- 30,000-39,999
- 15,000-29,999
- Under 15,000

TOP FIVE COUNTIES

1. GREENE	84,000
2. LINCOLN	75,000
3. MAURY	66,000
4. GILES	65,000
5. RUTHERFORD	60,000

CATTLE AND CALVES: TENNESSEE, BY COUNTIES, JANUARY 1, 1987-88[1]

District & County	1987 Number	1988 Number	Rank
Dyer	17,000	16,000	55*
Lake	[2]	200	95
Lauderdale	14,000	14,000	61
Obion	25,000	25,000	34
Shelby	16,000	16,000	55*
Tipton	15,000	14,800	60
District 1	87,000	86,000	
Benton	9,000	9,000	79
Carroll	18,500	18,000	52
Chester	8,500	8,000	83*
Crockett	9,000	8,500	80*
Decatur	13,500	13,400	62
Fayette	31,000	30,400	26
Gibson	31,500	28,900	29
Hardeman	17,000	16,400	54
Hardin	13,000	12,500	66
Haywood	8,500	7,500	88*
Henderson	23,000	22,000	42
Henry	26,000	25,500	33
McNairy	11,500	11,400	71
Madison	13,500	13,000	63*
Weakley	19,500	18,500	50*
District 2	253,000	243,000	
Cheatham	11,000	11,000	72*
Dickson	34,000	33,000	22
Hickman	23,000	21,500	43
Houston	8,000	7,500	88*
Humphreys	19,500	19,000	49
Lawrence	50,000	50,000	11*
Lewis	6,000	6,000	92
Montgomery	35,000	34,500	21
Perry	7,500	7,500	88*
Robertson	57,000	58,000	7
Stewart	10,000	9,500	78
Wayne	20,000	20,500	46*
District 3	281,000	278,000	
Bedford	60,000	59,000	6
Cannon	24,000	23,000	40*
Clay	14,500	13,000	63*
Davidson	19,000	18,500	50*
DeKalb	18,000	17,500	53
Giles	67,000	65,000	4
Jackson	12,000	12,000	67*
Lincoln	81,000	75,000	2
Macon	23,500	23,500	39
Marshall	49,000	48,000	13
Maury	68,000	66,000	3
Moore	22,500	20,500	46*
Rutherford	60,000	60,000	5
Smith	40,000	37,000	16*
Sumner	53,000	51,000	10
Trousdale	12,500	12,000	67*
Williamson	62,000	57,000	8
Wilson	54,000	53,000	9
District 4	740,000	711,000	
Bledsoe	25,000	24,500	35
Coffee	32,000	30,000	27
Cumberland	23,000	21,000	44*
Fentress	17,000	16,000	55*
Franklin	33,000	30,500	25
Grundy	8,000	7,500	88*
Marion	8,500	8,400	82
Morgan	8,000	8,000	83*
Overton	30,000	23,000	40*
Pickett	8,500	8,000	83*
Putnam	29,000	28,000	30*
Scott	5,000	4,800	93
Sequatchie	7,500	7,700	87
Van Buren	11,500	11,000	72*
Warren	39,000	35,600	20
White	39,000	37,000	16*
District 5	324,000	301,000	
Anderson	11,000	11,000	72*
Blount	38,000	37,000	16*
Bradley	29,000	29,000	28
Campbell	9,000	8,500	80*
Carter	12,500	12,000	67*
Claiborne	29,000	28,000	30*
Cocke	22,000	20,000	48
Grainger	24,000	24,000	36*
Greene	85,000	84,000	1
Hamblen	26,000	24,000	36*
Hamilton	13,000	12,000	67*
Hancock	14,000	13,000	63*
Hawkins	37,000	37,000	16*
Jefferson	44,000	41,000	15
Johnson	16,000	16,000	55*
Knox	33,000	31,000	24
Loudon	26,000	21,000	44*
McMinn	47,000	44,000	14
Meigs	11,000	10,000	76*
Monroe	34,000	32,000	23
Polk	11,000	11,000	72*
Rhea	11,000	10,000	76*
Roane	16,000	15,000	59
Sevier	24,000	24,000	36*
Sullivan	28,000	27,000	32
Unicoi	1,500	1,500	94
Union	9,000	8,000	83*
Washington	54,000	50,000	11*
District 6	715,000	681,000	
STATE	2,400,000	2,300,000	

[1]1987 Final; 1988 Preliminary.
[2]Not published to avoid disclosing individual operations.
*Tied.

TENNESSEE BEEF COWS

January 1, 1988

HEAD

10,000 and Over

5,000-9,000

1,000-4,999

Under 1,000

TOP FIVE COUNTIES

1.	LINCOLN	30,700
2.	MAURY	30,000
3.	GILES	27,700
4.	WILLIAMSON	27,000
4.	WILSON	27,000

BEEF COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1987-88[1]

District & County	1987 Number	1988 Number	Rank
Dyer	8,000	7,500	59*
Lake	[2]	100	95
Lauderdale	6,000	6,300	64
Obion	11,000	11,300	32
Shelby	9,000	8,800	45*
Tipton	8,000	8,000	49*
District 1	42,000	42,000	
Benton	4,500	4,400	79*
Carroll	10,000	10,000	37*
Chester	3,500	3,200	88
Crockett	4,500	4,400	79*
Decatur	8,000	8,000	49*
Fayette	15,000	15,000	20
Gibson	12,000	11,500	30
Hardeman	10,500	10,400	36
Hardin	6,500	6,000	66*
Haywood	5,500	5,000	72
Henderson	9,000	9,000	43
Henry	13,000	13,200	24
McNairy	5,500	5,700	68
Madison	6,500	6,200	65
Weakley	8,000	8,000	49*
District 2	122,000	120,000	
Cheatham	5,500	5,500	69*
Dickson	17,000	17,000	16
Hickman	10,500	10,000	37*
Houston	4,000	4,000	82
Humphreys	9,000	8,700	47
Lawrence	19,500	19,500	11
Lewis	3,500	3,500	85*
Montgomery	18,000	17,400	13
Perry	3,500	3,500	85*
Robertson	21,500	22,900	10
Stewart	4,500	4,500	75*
Wayne	10,500	10,500	34*
District 3	127,000	127,000	
Bedford	27,000	26,500	6*
Cannon	7,500	7,500	59*
Clay	7,000	6,000	66*
Davidson	8,500	8,000	49*
DeKalb	8,000	7,900	56*
Giles	28,000	27,700	3
Jackson	9,000	8,900	44
Lincoln	34,000	30,700	1
Macon	11,500	11,400	31
Marshall	17,500	16,500	17
Maury	31,000	30,000	2
Moore	8,500	8,400	48
Rutherford	24,500	24,000	9
Smith	20,000	19,000	12
Sumner	27,000	25,000	8
Trousdale	6,500	6,500	62
Williamson	30,000	27,000	4*
Wilson	26,500	27,000	4*
District 4	332,000	318,000	
Bledsoe	10,000	10,000	37*
Coffee	9,000	8,000	49*
Cumberland	10,000	9,500	41
Fentress	8,500	8,000	49*
Franklin	12,500	12,000	28*
Grundy	3,500	3,400	87
Marion	3,000	2,800	90
Morgan	4,000	3,900	83
Overton	13,000	9,800	40
Pickett	5,000	4,500	75*
Putnam	13,000	13,000	25*
Scott	2,000	2,000	91*
Sequatchie	3,000	3,000	89
Van Buren	5,000	4,800	73
Warren	17,500	17,300	14*
White	14,000	13,000	25*
District 5	133,000	125,000	
Anderson	5,000	4,700	74
Blount	15,000	14,000	22
Bradley	9,500	9,200	42
Campbell	2,000	1,700	93
Carter	4,000	3,700	84
Claiborne	14,000	13,400	23
Cocke	9,000	7,900	56*
Grainger	11,000	11,000	33
Greene	27,000	26,500	6*
Hamblen	8,500	7,800	58
Hamilton	5,500	5,200	71
Hancock	7,500	7,000	61
Hawkins	19,500	17,300	14*
Jefferson	17,500	16,000	18
Johnson	5,500	5,500	69*
Knox	15,500	14,300	21
Loudon	9,000	8,000	49*
McMinn	12,000	12,000	28*
Meigs	4,500	4,200	81
Monroe	9,500	8,800	45*
Polk	2,000	2,000	91*
Rhea	5,000	4,500	75*
Roane	6,500	6,400	63
Sevier	10,500	10,500	34*
Sullivan	13,000	12,100	27
Unicoi	700	600	94
Union	5,300	4,500	75*
Washington	17,000	15,200	19
District 6	271,000	254,000	
STATE	1,027,000	986,000	

[1]1987 Final; 1988 Preliminary.
[2]Not published to avoid disclosing individual operations.
*Tied.

SWINE

HOGS AND PIGS: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1983-87

Year	All Hogs[1]	Total Pig Crop		Inshipments	Marketings[3]	Slaughter on Farms	Deaths
		Sows Farrowing	Pig Crop				
	1,000 Head						
1983	750	220	1,550	113	1,268	55	140
1984	950	220	1,615	109	1,399	60	115
1985	1,100	189	1,427	173	1,595	55	100
1986	950	187	1,394	191	1,625	50	90
1987[2]	770	162	1,207	164	1,231	50	60

Year	Production[4]	Marketings[5]	Price Per 100 Pounds	Cash Receipts[6]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars		
1983	298,020	261,081	46.70	125,602	9,516	135,118
1984	344,914	300,438	47.10	147,137	10,470	157,607
1985	344,217	353,352	43.20	158,461	8,927	167,388
1986	340,418	354,797	45.70	169,417	8,436	177,853
1987	260,591	244,001	50.40	131,555	9,337	140,892

[1]December 1 preceeding year.
[2]Preliminary.
[3]Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.
[4]Adjustments made for changes in inventory and for inshipments.
[5]Excludes interfarm sales within the State and custom slaughter on farms where produced.
[6]Receipts from marketing and sale of farm slaughter.

HOGS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
	Dollars Per Cwt.												
1982	44.20	49.20	48.50	51.90	56.70	57.80	58.40	61.60	61.70	55.80	52.60	53.50	51.40
1983	54.60	55.70	50.00	46.10	45.80	44.50	43.90	46.30	43.30	39.90	38.10	43.40	46.70
1984	48.20	45.30	45.10	47.10	47.30	48.70	52.30	50.90	46.20	43.40	46.90	47.60	47.10
1985	47.10	47.70	43.00	41.00	41.10	43.60	44.90	41.50	39.60	41.50	41.70	44.10	43.20
1986	43.20	42.00	39.00	39.20	44.30	50.70	57.60	61.10	57.60	52.50	51.40	49.80	45.70
1987	46.90	47.20	48.20	49.90	53.70	57.80	59.10	58.20	53.80	48.10	40.10	40.00	50.40

[1]Marketing year is December through November. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.

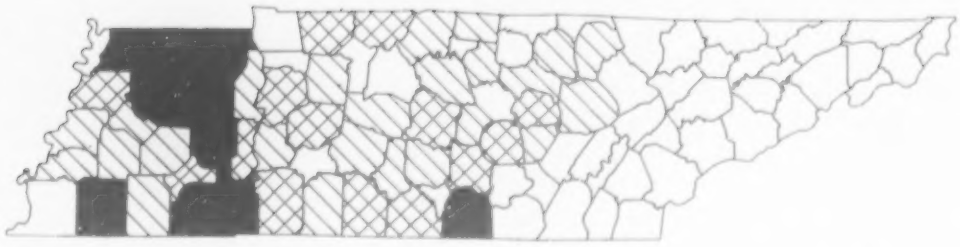
HOGS AND PIGS: TENNESSEE, BY COUNTIES, DECEMBER 1, 1986-87[1]

District & County	1986 Number	1987 Number	Rank
Dyer	10,500	10,000	23*
Lake	200	300	94*
Lauderdale	5,500	5,800	43*
Obion	35,800	35,000	4
Shelby	4,500	4,400	50
Tipton	5,500	5,500	45*
District 1	62,000	61,000	
Benton	6,900	7,800	33*
Carroll	25,500	26,000	7
Chester	9,600	10,000	23*
Crockett	5,000	5,000	47*
Decatur	16,000	17,500	12
Fayette	29,500	29,800	6
Gibson	35,000	36,000	3
Hardeman	7,500	7,800	33*
Hardin	21,500	22,000	9
Haywood	5,500	5,800	43*
Henderson	38,000	42,700	2
Henry	18,500	20,000	10
McNairy	23,500	25,500	8
Madison	9,000	9,100	26
Weakley	54,000	58,000	1
District 2	305,000	323,000	
Cheatham	4,000	3,900	55
Dickson	6,000	6,000	41
Hickman	14,900	15,000	15*
Houston	2,500	3,000	63*
Humphreys	10,000	11,500	22
Lawrence	9,000	9,000	27*
Lewis	2,500	2,200	61*
Montgomery	11,000	13,800	20
Perry	8,800	8,000	31*
Robertson	15,000	17,200	13
Stewart	3,300	3,400	57*
Wayne	13,000	14,000	18*
District 3	100,000	108,000	
Bedford	7,700	7,800	33*
Cannon	8,600	9,200	25
Clay	3,400	3,400	57*
Davidson	1,200	1,000	84*
DeKalb	3,100	3,200	61*
Giles	19,000	19,300	11
Jackson	2,900	2,700	66
Lincoln	13,500	14,000	18*
Macon	5,500	5,500	45*
Marshall	5,200	5,000	47*
Maury	7,500	8,100	30
Moore	2,400	2,200	69*
Rutherford	12,000	13,100	21
Smith	7,500	7,200	37
Sumner	8,800	8,000	31*
Trousdale	1,000	1,000	84*
Williamson	6,500	6,300	40
Wilson	7,200	7,000	38*
District 4	123,000	124,000	
Bledsoe	4,000	4,000	52*
Coffee	14,400	15,000	15*
Cumberland	8,700	9,000	27*
Fentress	6,000	5,900	42
Franklin	30,500	30,000	5
Grundy	3,700	4,000	52*
Marion	3,400	3,300	59*
Morgan	1,400	1,700	74*
Overton	7,700	8,200	29
Pickett	1,600	1,500	79
Putnam	7,000	7,000	38*
Scott	1,200	1,400	80
Sequatchie	800	1,000	84*
Van Buren	6,900	7,500	36
Warren	15,000	16,000	14
White	14,700	14,500	17
District 5	127,000	130,000	
Anderson	3,100	3,000	63*
Blount	4,400	4,000	52*
Bradley	1,000	1,800	72*
Campbell	300	400	92*
Carter	1,000	900	89
Claiborne	3,100	3,500	56
Cocke	2,000	1,600	77*
Grainger	800	1,000	84*
Greene	4,300	4,300	51
Hamblen	2,400	2,200	69*
Hamilton	3,500	3,000	63*
Hancock	900	1,100	83
Hawkins	1,800	1,600	77*
Jefferson	3,500	3,300	59*
Johnson	700	700	90*
Knox	1,700	1,700	74*
Loudon	2,000	2,400	68
McMinn	1,700	1,700	74*
Meigs	400	300	94*
Monroe	2,200	2,600	67
Polk	1,000	1,300	81
Rhea	4,000	4,500	49
Roane	1,900	1,800	72*
Sevier	2,000	2,000	71
Sullivan	400	700	90*
Unicoi	400	400	92*
Union	1,000	1,000	84*
Washington	1,500	1,200	82
District 6	53,000	54,000	
STATE	770,000	800,000	

[1]1986 Final; 1987 Preliminary.
*Tied.

TENNESSEE
HOGS AND PIGS

December 1, 1987



TOP FIVE COUNTIES

1.	WEAKLEY	58,000 head
2.	HENDERSON	42,700 head
3.	GIBSON	36,000 head
4.	OBION	35,000 head
5.	FRANKLIN	30,000 head

HEAD

- 20,000 and Over
- 10,000-19,999
- 5,000-9,999
- Under 5,000

HOGS AND PIGS: NUMBER ON FARMS, TENNESSEE, DECEMBER 1, 1981-87

Year	Dec. 1 Inventory	Breeding	Market	Market Under 60 lbs.	Market 60-119 lbs.	Market 120-179 lbs.	Market 180 + lbs.
				1,000 Head			
1981	900	130	770	240	175	170	185
1982	750	130	620	229	191	115	85
1983	950	140	810	330	210	135	135
1984	1,100	150	950	330	240	180	200
1985	950	130	820	290	200	170	160
1986	770	115	655	242	165	123	125
1987	800	115	685	212	192	149	132

PIG CROP: SOWS FARROWED AND PIGS SAVED, TENNESSEE, 1981-87

Year	December-May Farrowings Sows	December-May Farrowings Pigs Per Litter	December-May Farrowings Pigs Saved	June-November Farrowings Sows	June-November Farrowings Pigs Per Litter	June-November Farrowings Pigs Saved
	1,000 Head	Number	1,000 Head	1,000 Head	Number	1,000 Head
1981	115	7.2	828	100	7.4	740
1982	100	7.3	730	95	7.0	665
1983	100	7.1	710	120	7.0	840
1984	90	7.4	666	130	7.3	949
1985	95	7.5	713	94	7.6	714
1986	95	7.6	722	92	7.3	672
1987	82	7.3	599	80	7.6	608

HOGS AND PIGS FOR BREEDING: TENNESSEE, BY COUNTIES, DECEMBER 1, 1986-87[1]

District & County	1986 Number	1987 Number	Rank
Dyer	1,300	1,200	34*
Lake	[2]	[2]	95
Lauderdale	1,000	1,000	40*
Obion	3,900	3,800	6
Shelby	800	800	46*
Tipton	700	700	53*
District 1	7,700	7,500	
Benton	1,000	1,000	40*
Carroll	3,700	3,700	7
Chester	1,300	1,300	30*
Crockett	800	800	46*
Decatur	2,700	2,800	9
Fayette	4,300	4,400	3*
Gibson	4,400	4,400	3*
Hardeman	1,300	1,400	28*
Hardin	2,500	2,600	10
Haywood	800	800	46*
Henderson	4,400	4,500	2
Henry	2,600	2,500	11*
McNairy	2,900	3,000	8
Madison	1,600	1,600	23*
Weakley	5,900	6,100	1
District 2	40,200	40,900	
Cheatham	800	800	46*
Dickson	1,000	1,000	40*
Hickman	1,900	1,800	20*
Houston	400	500	63*
Humphreys	1,500	1,600	23*
Lawrence	2,500	2,200	15*
Lewis	500	600	58*
Montgomery	1,900	2,000	18*
Perry	1,300	1,200	34*
Robertson	1,700	1,700	22
Stewart	700	700	53*
Wayne	2,100	2,200	15*
District 3	16,300	16,300	
Bedford	1,000	1,100	38*
Cannon	1,300	1,400	28*
Clay	700	700	53*
Davidson	200	200	79*
DeKalb	500	600	58*
Giles	2,500	2,500	11*
Jackson	600	600	58*
Lincoln	2,300	2,300	14
Macon	1,000	1,000	40*
Marshall	800	800	46*
Maury	1,300	1,300	30*
Moore	400	400	67*
Rutherford	2,000	2,100	17
Smith	1,700	1,500	26*
Sumner	1,100	1,000	40*
Trousdale	200	200	79*
Williamson	1,100	1,100	38*
Wilson	1,400	1,200	34*
District 4	20,100	20,000	
Bledsoe	900	800	46*
Coffee	2,200	2,000	18*
Cumberland	1,300	1,200	34*
Fentress	1,400	1,300	30*
Franklin	4,400	4,300	5
Grundy	800	900	45
Marion	700	600	58*
Morgan	300	400	67*
Overton	1,500	1,600	23*
Pickett	500	300	74*
Putnam	1,500	1,500	26*
Scott	200	200	79*
Sequatchie	200	300	74*
Van Buren	1,200	1,300	30*
Warren	1,600	1,800	20*
White	2,500	2,400	13
District 5	21,200	20,900	
Anderson	600	700	53*
Blount	700	600	58*
Bradley	300	400	67*
Campbell	100	100	91*
Carter	200	200	79*
Claiborne	500	500	63*
Cocke	200	200	79*
Grainger	200	200	79*
Greene	500	500	63*
Hamblen	400	400	67*
Hamilton	600	500	63*
Hancock	200	200	79*
Hawkins	400	400	67*
Jefferson	700	700	53*
Johnson	200	200	79*
Knox	300	200	79*
Loudon	200	300	74*
McMinn	500	400	67*
Meigs	100	100	91*
Monroe	400	400	67*
Polk	200	200	79*
Rhea	800	800	46*
Roane	300	300	74*
Sevier	300	300	74*
Sullivan	100	200	79*
Unicoi	100	100	91*
Union	100	100	91*
Washington	300	200	79*
District 6	9,500	9,400	
STATE	115,000	115,000	

[1]1986 Final; 1987 Preliminary.
[2]Less than 50 head.
*Tied

SHEEP AND WOOL

SHEEP AND LAMBS: INVENTORY NUMBER, LAMB CROP, AND DISPOSITION, TENNESSEE, 1981-88[1]

Year	On Hand Jan. 1	Lambs Saved	Inshipments Sheep & Lambs	Marketings[2] Sheep	Marketings[2] Lambs	Deaths Sheep	Deaths Lambs
			1,000 Head				
1981	11	9.0	2.0	4.0	4.0	1.0	2.0
1982	10	7.5	0.5	3.3	4.4	0.6	1.5
1983	8	6.0	0.7	3.0	4.0	0.4	1.1
1984	6	6.5	3.1	1.2	3.7	0.4	1.1
1985	9	6.8	1.0	0.7	3.6	0.8	1.5
1986	10	7.7	2.1	1.7	3.0	0.9	1.0
1987	13	8.5	1.0	3.3	5.0	1.0	1.0
1988	12						

[1]Excludes interfarm sales.

SHEEP AND LAMBS: PRODUCTION AND INCOME, TENNESSEE, 1981-87

Year	Production[1]	Marketings[2]	Average Price Per 100 lbs. Sheep	Average Price Per 100 lbs. Lambs	Value of Production	Cash Receipts[3]	Gross Income
	1,000 Pounds		Dollars		1,000 Dollars		1,000 Dollars
1981	513	800	17.30	60.50	301	294	348
1982	482	759	17.20	53.80	216	275	282
1983	391	670	18.10	56.40	190	256	270
1984	513	461	20.50	59.00	263	221	231
1985	448	401	21.20	62.80	233	220	228
1986	547	457	21.00	67.80	324	222	230
1987	647	813	28.50	81.80	374	472	483

[1]Adjustments made for inshipments and changes in inventory. [2]Excludes interfarm sales.
[3]Includes receipts from marketings and sale of farm slaughtered meat.

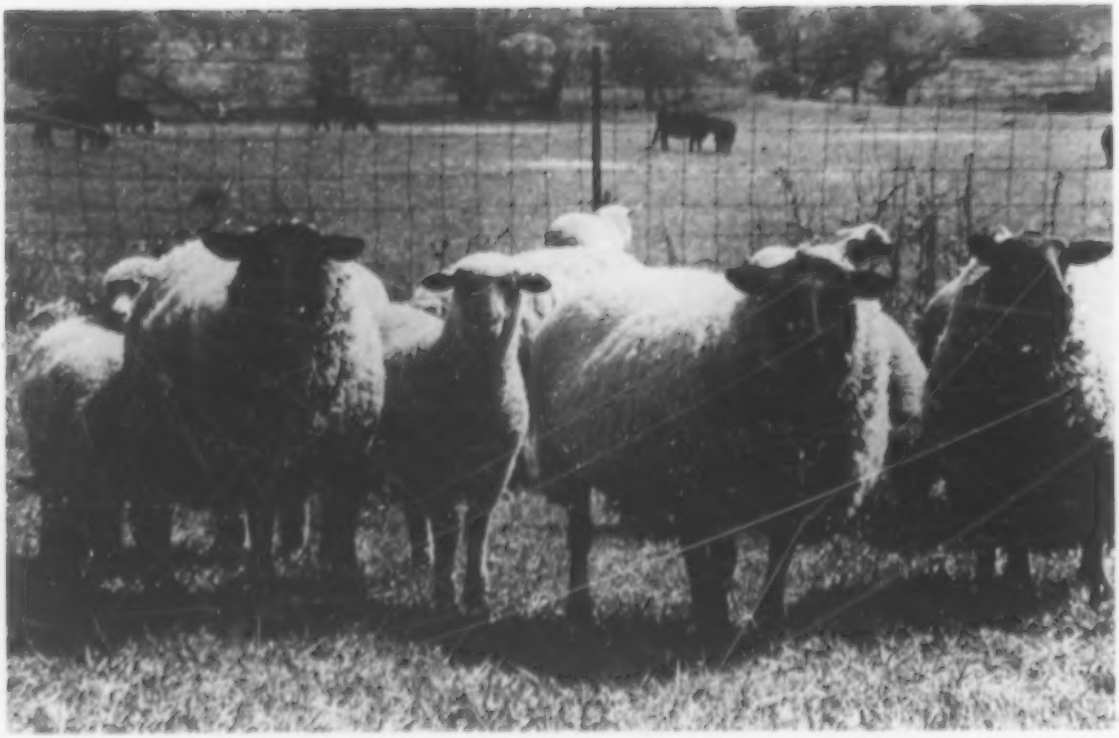
SHEEP AND LAMBS: NUMBER ON FARMS AND VALUE, TENNESSEE, JANUARY 1, 1981-88

Year	All Sheep and Lambs Number	All Sheep and Lambs Value Per Head	All Sheep and Lambs Value Total	Lambs Ewes	Lambs Wethers and Rams	Sheep one year old and older Ewes	Sheep one year old and older Wethers and Rams
	1,000 Head	Dollars	1,000 Dollars		1,000 Head		1,000 Head
1981	11	53.00	583	1.0	0.5	9.0	0.5
1982	10	56.00	560	1.3	0.7	7.5	0.5
1983	8	63.50	508	1.0	0.5	6.0	0.5
1984	6	58.00	348	0.5	0.3	4.8	0.4
1985	9	63.50	572	0.8	0.8	6.8	0.6
1986	10	67.00	670	0.8	0.8	7.7	0.7
1987	13	76.50	988	2.3	1.3	8.7	0.7
1988	12	73.00	876	1.7	0.7	8.9	0.7

WOOL: FARM PRODUCTION AND VALUE, TENNESSEE, 1982-87

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value[1]
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1982	7.8	5.9	46	43	20
1983	7.2	6.5	47	47	22
1984	6.0	6.8	41	73	30
1985	8.8	6.5	57	52	30
1986	10.0	6.5	65	61	40
1987	11.4	6.5	74	57	42

[1]Production multiplied by annual average price.



AUCTION PRICES

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
STEERS—Medium Frame No. 1*					**Dollars Per Cwt.**								
300-400 lbs.													
1981	77.19	79.25	75.81	79.60	70.44	68.25	63.10	68.19	69.70	67.19	65.19	62.31	70.52
1982	61.06	63.32	69.10	68.19	67.63	64.40	64.62	68.75	65.40	62.38	61.94	62.31	64.93
1983	69.75	74.56	77.15	75.25	72.50	69.35	65.62	62.20	62.75	63.75	67.35	67.42	68.97
1984	67.44	71.95	71.50	72.81	66.20	64.38	66.44	68.45	65.50	66.00	66.93	64.83	67.70
1985	71.53	79.25	77.88	77.31	74.85	71.81	67.25	71.50	69.38	69.00	71.50	67.25	72.38
1986	69.25	72.31	71.75	69.25	65.13	68.13	71.45	75.19	75.31	72.10	69.81	70.19	70.82
1987	75.75	81.88	86.25	87.70	89.88	93.13	97.40	99.00	103.80	93.38	97.25	98.25	91.97
1988	105.63	111.63	109.70	110.38									
400-500 lbs.													
1981	70.00	72.38	71.75	74.65	66.44	64.50	60.65	62.69	63.30	61.56	61.12	58.88	65.66
1982	58.44	60.13	65.55	66.75	65.75	62.52	62.31	65.00	63.60	60.88	60.12	59.94	62.59
1983	64.94	69.75	73.10	71.50	69.59	65.30	61.25	58.25	59.00	60.06	62.40	62.59	64.80
1984	64.19	67.10	67.00	66.75	64.30	60.88	62.16	63.50	61.94	62.75	63.25	61.33	63.76
1985	66.80	70.81	71.19	71.25	70.75	68.00	62.90	66.00	63.88	64.35	66.44	63.29	67.14
1986	64.60	66.38	68.19	64.85	61.38	61.88	65.60	66.06	68.44	66.55	63.88	64.50	65.19
1987	69.38	74.13	77.44	79.75	82.38	79.88	82.70	88.00	89.30	84.00	87.13	86.67	81.73
1988	90.88	96.63	97.55	98.63									
500-600 lbs.													
1981	67.19	68.25	65.88	69.75	62.44	61.84	59.75	60.75	61.50	59.25	58.88	56.63	62.68
1982	56.13	58.69	62.50	63.62	63.38	61.45	61.38	63.69	62.32	59.88	58.66	58.75	60.87
1983	62.84	65.75	69.15	67.75	65.00	62.90	59.69	55.93	56.28	58.25	59.15	59.96	61.89
1984	61.25	64.55	63.88	63.56	61.52	59.63	60.19	61.73	59.82	60.85	61.50	60.92	61.62
1985	63.75	66.81	67.88	67.00	65.90	64.06	60.55	61.94	59.69	60.20	61.06	59.33	63.18
1986	59.63	62.25	61.50	59.60	58.13	59.13	60.30	62.06	64.13	60.90	60.63	60.88	60.76
1987	64.69	67.75	71.00	73.15	76.13	74.56	78.10	81.63	83.10	77.19	78.00	79.92	75.44
1988	83.25	86.38	89.00	89.19									
600-700 lbs.													
1981	65.28	65.34	62.56	64.42	60.75	59.85	58.05	59.00	59.73	57.25	57.00	55.28	55.95
1982	54.44	57.57	59.70	60.50	61.19	59.90	60.69	62.31	60.85	58.75	57.38	56.19	59.13
1983	60.12	62.56	64.20	63.50	60.75	59.90	57.66	54.70	52.94	55.44	56.20	59.34	58.94
1984	60.03	62.13	62.12	60.75	57.70	57.50	58.69	59.70	58.50	58.43	60.28	59.58	59.62
1985	62.05	63.75	63.56	62.06	60.95	59.81	56.60	56.69	55.88	56.30	57.56	56.79	59.33
1986	56.70	58.63	56.88	54.63	54.06	54.78	56.98	59.25	59.68	58.50	57.44	58.56	57.17
1987	61.47	64.16	65.25	67.93	71.10	69.78	72.00	74.38	76.20	70.88	71.31	72.58	69.75
1988	77.22	78.81	79.55	81.44									

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
STEERS—Medium Frame No. 2*					Dollars Per Cwt.								
300-400 lbs.													
1981	67.72	70.88	67.75	69.85	62.62	61.38	56.45	59.38	59.70	58.75	56.38	55.97	62.19
1982	55.19	57.25	60.90	60.13	60.06	56.50	56.81	58.94	57.05	54.00	54.00	54.88	57.15
1983	60.50	64.19	67.90	66.00	64.31	61.05	57.10	54.15	54.69	54.75	56.50	57.34	59.87
1984	57.81	61.55	61.82	62.25	59.45	58.06	57.06	58.20	57.00	57.90	58.87	55.92	58.82
1985	60.25	64.25	66.94	67.31	65.95	63.13	59.00	61.88	60.06	60.95	61.75	59.50	62.58
1986	60.90	63.56	63.25	61.10	58.69	59.25	61.60	64.25	65.38	63.30	60.88	60.75	61.91
1987	67.38	72.75	74.75	78.00	77.63	81.13	84.10	87.25	90.50	82.50	85.38	86.00	80.61
1988	91.00	99.00	97.90	97.25									
400-500 lbs.													
1981	64.50	64.69	63.69	66.00	59.06	59.19	54.70	55.81	56.30	55.38	54.38	52.53	58.85
1982	53.25	54.94	58.05	58.81	59.16	56.53	56.22	57.97	55.55	53.81	53.06	53.69	55.92
1983	57.69	60.94	65.20	64.38	61.94	58.80	54.56	51.85	52.94	53.12	54.35	55.50	57.60
1984	56.38	60.05	59.62	59.69	57.65	55.38	55.00	56.25	54.75	55.85	55.62	54.75	56.75
1985	57.50	61.50	63.63	63.56	62.90	61.56	56.85	58.75	57.88	58.00	59.75	56.42	59.86
1986	58.40	61.25	59.63	57.40	56.25	56.19	57.60	59.31	61.63	59.20	58.63	58.00	58.62
1987	62.81	67.25	68.75	71.30	72.63	72.25	75.30	79.13	81.70	76.75	78.25	79.17	73.77
1988	82.25	86.13	87.03	90.50									
500-600 lbs.													
1981	61.62	62.69	60.44	63.10	56.12	54.50	53.78	54.81	55.00	53.69	53.13	50.85	56.64
1982	51.17	54.38	56.20	57.69	58.06	55.90	56.19	57.31	55.00	53.25	52.06	53.62	55.07
1983	56.81	58.00	61.70	60.12	58.88	56.87	53.56	50.80	49.94	51.62	53.15	54.59	55.50
1984	55.25	58.10	58.25	57.44	55.60	53.75	53.88	55.18	54.50	54.40	55.06	53.58	55.42
1985	57.10	58.63	59.56	57.75	60.00	58.25	54.25	55.69	54.38	55.20	55.63	54.25	56.72
1986	54.90	57.13	55.75	53.65	52.75	52.81	54.45	56.44	58.69	56.00	55.19	55.92	55.31
1987	57.63	60.94	63.19	66.35	67.50	67.13	70.10	73.13	75.00	69.38	70.75	72.17	67.77
1988	75.69	78.19	80.20	79.75									
600-700 lbs.													
1981	59.00	60.19	56.50	59.10	52.88	53.40	51.90	52.88	54.50	52.19	51.00	50.50	54.50
1982	50.13	53.25	54.60	55.94	54.81	55.10	55.62	57.00	55.15	52.25	52.00	53.33	54.10
1983	53.88	55.56	58.10	56.81	55.44	55.06	52.25	50.40	48.25	51.00	51.60	53.59	53.50
1984	53.62	56.70	55.94	55.88	53.50	51.94	52.81	53.69	53.50	52.90	54.18	53.83	54.04
1985	55.60	57.50	57.88	55.00	57.13	54.50	52.08	52.88	50.88	52.85	53.00	52.00	54.28
1986	52.50	53.50	52.94	50.25	49.00	49.94	51.35	54.25	55.25	52.90	52.63	54.33	52.40
1987	55.94	59.13	58.75	62.10	63.38	63.00	66.00	68.13	69.90	64.00	64.75	67.50	63.55
1988	70.19	72.44	72.00	75.50									

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
HEIFERS—Medium Frame No. 1*						Dollars Per Hundredweight							
300-400 lbs.													
1981	61.75	63.25	63.06	65.20	59.94	56.69	53.10	54.88	54.35	52.19	51.97	50.56	57.25
1982	50.00	52.25	55.45	56.19	56.31	53.95	53.00	56.06	53.75	51.00	49.25	49.44	53.06
1983	55.12	59.81	63.40	62.32	62.06	58.90	54.12	49.35	49.12	49.69	53.10	52.34	55.78
1984	52.94	57.65	57.62	57.12	54.50	52.00	51.62	53.65	50.88	51.48	51.81	50.58	53.49
1985	55.25	57.63	60.00	60.88	60.05	57.63	54.25	56.19	53.56	54.35	56.19	54.00	56.67
1986	55.00	58.19	58.44	56.35	54.13	55.12	56.15	59.25	60.50	58.35	57.63	56.88	57.17
1987	60.56	67.60	70.38	74.65	76.00	74.50	77.65	81.69	84.80	76.88	79.50	80.17	75.37
1988	85.00	90.75	91.30	94.50									
400-500 lbs.													
1981	58.88	60.88	59.56	61.53	56.44	54.62	52.20	52.81	52.95	50.62	50.12	48.63	54.94
1982	48.81	50.44	53.53	54.44	54.63	53.55	52.81	55.00	53.60	50.00	48.75	49.12	52.06
1983	54.47	58.44	61.18	60.69	59.62	57.47	52.50	47.95	48.19	48.69	51.25	51.00	54.29
1984	52.00	56.20	55.81	55.12	53.30	50.31	50.62	51.95	50.50	50.30	50.62	50.75	52.29
1985	54.40	57.13	58.13	59.56	58.75	56.69	53.55	54.88	52.36	52.68	54.31	52.75	55.43
1986	53.30	55.81	56.56	53.80	51.81	52.70	54.10	56.00	57.94	56.55	55.13	54.88	54.88
1987	58.56	65.25	65.81	70.05	71.81	71.00	73.60	75.38	78.10	72.44	75.13	74.83	71.00
1988	78.75	82.56	83.80	85.06									
500-600 lbs.													
1981	57.75	58.50	56.44	58.30	54.25	53.38	51.65	52.00	51.55	49.75	49.03	47.25	53.32
1982	47.88	49.75	52.10	52.69	53.81	52.67	52.34	54.75	53.20	49.88	48.94	49.00	51.42
1983	53.31	55.75	59.05	58.88	56.94	55.60	50.81	46.83	46.28	47.72	49.45	50.42	52.59
1984	51.12	54.20	54.06	53.19	50.70	49.85	50.69	51.25	50.06	50.00	50.75	50.93	51.40
1985	53.80	55.63	56.38	57.69	56.55	54.56	51.15	52.94	50.31	50.95	52.06	50.83	53.87
1986	51.05	52.88	52.94	50.55	49.93	50.10	52.50	54.88	56.19	53.40	52.69	53.19	52.53
1987	56.75	61.00	62.19	66.00	67.50	67.78	70.10	72.50	73.70	68.38	69.06	70.58	67.13
1988	73.91	76.25	77.80	78.19									
600-700 lbs.													
1981	56.50	55.38	54.06	56.20	51.88	51.78	50.35	51.91	50.60	48.38	47.84	46.00	51.74
1982	47.06	48.44	50.25	51.56	53.10	51.90	51.94	54.12	52.35	49.06	48.62	48.54	50.58
1983	51.12	53.94	57.10	55.94	54.50	52.50	49.50	45.65	44.22	45.19	46.65	48.75	50.42
1984	50.60	53.25	53.10	51.75	48.95	48.31	49.69	50.50	49.50	49.85	50.00	50.50	50.50
1985	53.15	55.13	54.69	54.17	54.25	52.58	48.90	50.28	48.56	48.88	48.88	49.58	51.59
1986	49.60	51.13	49.50	46.95	46.94	47.66	51.03	53.25	53.66	51.75	51.06	51.58	50.34
1987	53.56	59.25	59.13	61.95	63.94	63.35	66.05	68.13	69.15	64.63	65.22	65.67	63.34
1988	69.38	71.75	71.73	73.00									

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM SELECTED TENNESSEE AUCTIONS, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
HEIFERS—Medium Frame No. 2*					Dollars Per Hundredweight								
300-400 lbs.													
1981	55.56	57.12	57.12	59.15	52.31	51.78	47.35	48.88	47.90	46.31	46.69	45.25	51.33
1982	44.31	46.25	49.25	49.50	50.94	48.60	47.75	49.91	47.75	45.19	43.50	43.75	47.23
1983	49.06	53.13	56.50	55.50	55.88	53.50	48.12	42.60	42.25	43.06	46.15	47.34	49.42
1984	46.44	49.20	50.50	49.88	48.30	46.38	45.00	46.90	43.94	44.50	44.43	44.58	46.67
1985	48.70	50.94	53.44	55.06	54.70	52.69	48.85	50.25	47.81	48.08	49.75	48.17	50.70
1986	48.60	50.25	53.25	50.80	48.25	49.06	49.95	52.50	53.25	52.35	50.69	50.38	50.77
1987	55.25	60.00	62.88	66.60	68.13	66.86	71.00	72.25	76.10	69.88	70.63	71.33	67.58
1988	76.63	81.13	84.30	82.75									
400-500 lbs.													
1981	53.19	54.84	54.44	55.45	50.06	49.25	47.10	47.38	47.28	45.50	44.88	43.38	49.39
1982	43.94	45.25	47.35	48.25	49.13	48.40	47.94	48.81	47.40	44.44	43.12	43.62	46.47
1983	47.75	51.56	55.20	53.62	53.81	51.35	47.00	41.60	41.94	42.19	44.35	45.92	48.02
1984	46.62	48.70	48.75	48.44	47.85	44.38	44.56	45.60	43.88	44.15	44.06	44.17	45.93
1985	48.25	51.13	51.94	53.69	53.45	51.00	48.00	49.50	47.12	46.95	48.94	46.83	49.73
1986	46.73	49.13	50.38	48.55	46.63	47.50	48.90	50.13	51.25	50.55	49.00	48.94	48.97
1987	52.88	58.50	59.63	62.90	65.13	64.31	67.00	68.63	69.80	65.75	65.50	68.17	64.02
1988	71.13	75.19	75.50	76.44									
500-600 lbs.													
1981	51.62	53.78	49.68	53.30	48.25	48.38	46.05	46.88	46.75	44.00	42.88	41.75	47.95
1982	43.50	44.50	45.60	46.56	47.85	47.50	47.56	48.50	46.90	44.12	42.62	42.81	45.67
1983	46.44	50.06	53.30	52.31	51.75	50.55	45.44	40.80	40.50	40.81	42.70	44.17	46.57
1984	44.62	47.50	47.75	47.19	46.25	43.62	43.88	44.73	43.56	43.40	44.06	43.75	45.02
1985	47.45	49.25	51.31	52.31	52.40	49.75	46.60	48.13	45.69	45.45	46.75	45.00	48.34
1986	46.00	48.63	47.94	46.00	44.44	45.62	47.56	49.13	50.06	48.30	47.13	47.75	47.38
1987	51.13	55.06	56.38	59.00	60.38	60.94	64.40	65.88	67.40	62.63	62.38	63.33	60.74
1988	67.56	70.13	70.08	69.75									
600-700 lbs.													
1981	50.12	51.88	48.25	50.50		47.00	44.66	46.06	45.70	43.31	42.67	42.42	46.60
1982	42.50	44.50	44.69	45.56	47.00	47.65	47.06	48.25	46.70	43.50	42.67	42.33	45.48
1983	45.50	47.50	52.40	51.67	48.50	47.10	43.94	40.60	39.38	40.00	42.25	43.17	41.52
1984	43.75	46.75	47.25	45.67	44.62	42.25	43.82	45.00	43.69	43.40	43.87	43.83	44.49
1985	46.50	48.63	49.88	49.75	51.50	48.00	44.40	46.00	43.13	44.40	44.75	44.33	46.77
1986	43.63	47.96	45.33	42.55	41.17	42.00	46.69	47.06	48.00	45.35	45.31	45.00	45.00
1987	50.13	53.50	53.88	56.70	58.38	59.33	60.40	61.88	63.56	58.69	61.75	61.83	58.34
1988	64.44	66.75	66.75	70.50									

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

UTILITY COW PRICES: SELECTED TENNESSEE AUCTIONS, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1981	42.09	45.10	43.78	44.02	42.25	42.84	42.30	42.62	41.04	39.12	39.06	37.16	41.76
1982	38.31	39.54	40.03	40.88	41.63	41.42	40.62	40.67	39.40	38.69	37.12	37.25	39.63
1983	37.69	40.44	41.75	42.19	42.62	41.55	39.34	37.13	36.44	35.38	34.05	33.50	38.51
1984	34.38	38.95	42.13	41.97	40.43	39.50	38.38	38.75	35.94	35.65	34.75	34.71	37.96
1985	39.50	40.00	40.50	40.19	40.60	38.78	36.40	36.19	34.25	33.05	33.25	34.83	37.30
1986	34.60	36.94	36.47	33.25	34.94	36.72	34.88	34.66	36.10	35.88	35.28	34.94	35.39
1987	39.47	41.06	42.50	43.90	44.40	43.19	44.10	43.88	44.20	41.13	45.06	45.17	43.17
1988	45.56	45.56	46.75	48.13									

FEEDER PIGS: MARKETINGS AND PRICES AT ORGANIZED FEEDER PIG SALES, TENNESSEE 1981-87

Year	Number Marketed	Average Weight	Average Price Per Cwt.	Average Price Per Head
		Lbs.	Dollars	Dollars
1981	665,304	46	73.79	33.96
1982	609,841	45	113.25	51.05
1983	622,238	46	71.79	32.72
1984	584,554	47	80.42	37.44
1985	525,282	47	79.05	37.29
1986	532,764	47	97.07	45.21
1987	566,189	48	96.92	46.06

FEEDER PIG PRICES: ALL WEIGHTS AND GRADES: TENNESSEE ORGANIZED FEEDER PIG SALES, 1981-87 (AVERAGE WEIGHT 45-50 LBS.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1981	55.42	73.51	72.97	77.25	73.17	81.23	72.85	85.32	85.75	76.54	68.15	59.83	73.79
1982	70.09	88.31	109.77	118.14	123.14	111.11	121.59	137.35	136.80	112.87	102.82	104.23	113.25
1983	110.08	119.59	114.07	94.24	73.56	55.35	46.17	52.82	46.02	44.13	49.68	57.36	71.79
1984	66.99	83.43	100.21	101.82	86.09	80.22	74.74	74.58	76.83	71.95	72.15	75.78	80.42
1985	81.38	87.45	97.65	90.18	80.60	81.06	73.20	75.55	70.08	77.00	68.77	66.53	79.05
1986	66.64	78.05	88.99	80.30	85.24	85.57	109.63	121.85	122.57	111.04	104.33	100.13	97.07
1987	91.96	111.78	117.84	120.36	107.54	96.68	97.09	102.73	96.80	87.80	71.29	68.77	96.92

FEEDER PIGS: NUMBER MARKETED THROUGH ORGANIZED SALES, 1981-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Number Marketed							
1981	52,607	41,007	53,926	71,190	61,675	72,953	54,685	47,367	55,255	59,037	48,132	47,470	
1982	35,343	35,031	48,288	55,021	55,286	52,336	48,240	57,579	60,008	55,809	56,356	50,443	
1983	48,222	40,489	55,649	57,281	66,221	60,178	41,244	48,875	56,294	51,816	50,883	45,086	
1984	45,345	33,895	43,160	55,952	60,768	50,247	47,730	51,169	45,840	57,498	56,667	36,283	
1985	39,032	32,194	39,741	50,167	50,925	47,540	41,311	39,346	46,530	54,635	42,276	41,485	
1986	34,566	31,312	40,023	44,335	51,120	46,890	51,200	41,940	52,719	50,420	41,419	46,820	
1987	37,168	35,945	48,350	45,032	48,068	50,487	47,520	47,297	51,639	53,550	49,292	46,839	

SOW PRICES: U.S. 1-2 300-400 LBS. SELECTED TENNESSEE AUCTIONS, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1981	36.25	36.81	34.00	34.50	34.00	38.44	42.92	43.31	43.85	40.89	38.72	34.25	38.16
1982	36.81	39.13	43.27	47.38	50.75	47.99	50.58	51.75	53.38	52.65	47.38	45.75	47.24
1983	45.13	51.14	48.47	43.53	39.75	34.95	31.25	34.70	36.10	34.46	30.78	33.67	38.66
1984	40.78	41.82	39.94	40.75	41.15	39.18	41.81	40.50	38.74	36.87	37.69	37.33	39.71
1985	39.09	41.75	38.35	35.19	34.78	34.13	33.58	32.81	31.44	32.78	33.65	33.04	35.05
1986	32.81	34.53	32.44	33.12	33.90	37.11	45.83	52.57	51.11	45.97	45.13	40.66	40.43
1987	40.60	41.30	38.04	42.50	44.47	45.35	46.22	46.19	45.74	43.99	34.29	28.50	41.43
1988	31.13	32.75	31.00	31.80									

BARROW AND GILT PRICES: U.S. 1-3 210-240 LBS., SELECTED TENNESSEE AUCTIONS, 1981-88

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Dollars Per Cwt.							
1981	40.53	41.45	38.22	38.27	41.10	48.86	50.35	50.09	48.93	44.00	42.09	40.54	43.66
1982	44.35	48.49	48.50	51.12	57.37	58.90	59.34	62.22	61.88	54.81	51.78	53.33	54.34
1983	55.10	56.29	49.33	45.24	45.83	45.27	44.88	47.90	43.97	39.81	37.56	44.42	46.30
1984	48.63	45.48	45.72	47.31	47.53	48.83	53.50	52.38	45.44	43.33	48.25	48.00	47.87
1985	48.95	48.53	42.72	41.01	41.48	46.52	47.51	43.64	40.50	42.92	43.38	46.34	44.46
1986	45.73	43.41	40.50	40.11	45.86	52.58	60.40	62.33	58.10	52.15	52.39	50.43	50.33
1987	46.44	47.60	46.71	50.50	55.26	60.40	60.00	58.75	53.30	48.20	40.34	39.96	50.62
1988	42.16	46.32	41.66	42.48									

MEAT PRODUCTION

NUMBER OF LIVESTOCK SLAUGHTERING ESTABLISHMENTS: TENNESSEE, JANUARY, 1981-88

Year	Under Federal Inspection	Custom Plants	Total
1981	79	76	155
1982	79	80	159
1983	79	78	157
1984	80	79	159
1985	70	63	133
1986	69	61	130
1987	67	61	128
1988	61	67	128

RED MEAT PRODUCTION: BY MONTHS, TENNESSEE, 1981-87[1]

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total[2]
						MILLION POUNDS							
1981	58.4	51.8	57.8	58.8	50.0	50.7	52.0	49.0	55.1	60.0	59.5	64.2	667.2
1982[3]			162.8			151.0			125.4			126.7	565.9
1983	39.3	33.5	42.2	39.3	39.6	41.4	38.1	44.0	50.7	58.1	61.4	58.5	546.3
1984	50.4	52.0	56.7	56.0	56.6	53.0	49.2	55.7	52.1	63.6	59.8	55.1	660.2
1985	58.4	50.6	55.9	57.3	56.9	51.4	55.2	55.8	55.7	62.4	56.9	54.4	670.8
1986	56.7	47.9	52.8	58.8	58.1	45.4	39.7	40.5	44.2	47.2	40.1	43.6	575.0
1987	42.7	36.9	41.9	40.7	36.8	37.8	37.9	38.2	41.8	45.3	42.7	45.3	488.0

[1]Includes total beef, veal, pork, and lamb and mutton, excluding farm slaughter.
[2]Totals may not add due to rounding.
[3]Only quarterly estimates were made for 1982.

LIVESTOCK SLAUGHTER: BY MONTHS, TENNESSEE, 1983-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
						1,000 Head							
						CATTLE							
1983	27.3	22.4	25.4	23.2	22.8	24.0	23.7	30.5	31.6	34.4	31.5	27.7	324.5
1984	26.7	24.0	25.5	24.8	25.2	24.8	25.8	28.3	26.4	33.3	30.9	25.5	321.2
1985	25.3	22.0	24.2	22.9	22.1	19.8	21.8	22.7	21.4	25.8	21.9	21.3	271.3
1986	21.6	17.1	17.9	20.7	23.3	20.4	24.5	26.8	26.2	28.9	24.3	24.6	276.4
1987	22.5	19.3	22.5	20.2	18.7	19.3	19.1	20.3	20.9	22.6	19.6	18.4	243.4
						CALVES							
1983	2.4	1.8	2.9	2.8	2.8	3.0	3.4	3.7	4.5	3.8	3.7	4.2	39.0
1984[2]													
1985[2]													
1986[2]													
1987	3.2	2.8	2.3	2.1	1.7	2.4	2.6	3.0	2.3	1.1	1.6	1.7	26.6
						HOGS							
1983	131	114	151	142	142	152	137	156	188	223	244	241	2,019
1984	193	212	244	235	234	215	195	222	206	251	231	214	2,652
1985	230	203	226	236	237	207	225	227	234	256	232	223	2,737
1986	234	203	229	252	241	184	146	144	163	173	144	160	2,270
1987	160	139	158	157	141	143	145	145	163	177	169	186	1,883
						SHEEP							
1983	—	—	.4	.1	.1	.1	.5	.1	.1	.1	—	—	1.6
1984	—	—	—	.1	.1	.1	.6	.1	—	.1	—	—	1.1
1985	—	—	—	—	—	—	.5	—	—	.1	—	—	.8
1986	—	—	—	.1	—	.1	.4	.1	.3	.3	.2	.1	1.6
1987	.2	—	.1	.2	.2	.3	.6	.2	--	—	—	—	1.9
						CATTLE (MILLION POUNDS) LIVE WEIGHT							
1983	26.4	22.5	24.9	22.4	22.2	22.9	22.6	28.3	29.0	31.1	29.1	25.9	307.3
1984	26.6	24.2	23.6	23.1	24.1	23.3	24.3	26.4	24.7	30.2	28.2	24.7	303.3
1985	25.3	22.1	23.9	21.9	21.3	19.4	21.4	22.8	20.9	24.8	21.2	20.4	265.5
1986	21.3	17.2	18.0	21.2	23.1	20.1	23.2	25.5	25.3	27.1	23.4	24.1	269.5
1987	22.1	19.4	22.4	20.2	18.7	19.2	19.1	20.3	20.6	22.3	19.5	18.6	242.5
						CALVES (1,000 POUNDS) LIVE WEIGHT							
1983	527	376	944	977	939	1,002	987	795	887	975	952	972	10,333
1984[2]													
1985[2]													
1986[2]													
1987	562	588	566	588	534	657	679	629	537	287	419	428	6,473
						HOGS (MILLION POUNDS) LIVE WEIGHT							
1983	36.9	31.7	41.1	38.9	39.1	41.3	37.0	41.5	51.2	59.9	66.3	63.5	548.3
1984	52.3	56.6	62.6	62.3	62.3	57.9	52.5	59.8	56.1	68.4	64.9	61.0	716.7
1985	64.0	55.4	61.3	64.5	64.7	58.2	62.2	62.2	63.2	70.4	65.3	61.9	753.2
1986	65.1	55.6	61.5	67.3	65.0	49.3	39.4	39.2	44.1	47.2	40.1	44.8	618.8
1987	44.6	38.1	43.2	43.0	38.7	39.7	40.1	39.7	45.1	48.9	47.4	51.4	519.8
						SHEEP (1,000 POUNDS) LIVE WEIGHT							
1983	—	—	19	3	12	19	57	13	10	13	—	—	157
1984	—	—	—	8	5	8	65	13	—	7	—	—	124
1985	—	—	—	—	—	—	48	—	—	6	—	—	83
1986	—	—	—	6	—	6	45	11	30	32	20	13	175
1987	20	—	17	28	27	41	73	28	—	—	—	—	246

[1]Monthly estimates may not add to yearly totals due to rounding.
[2]Data not published to avoid disclosing individual operations.

DAIRY

Tennessee milk production during 1987 totaled 2.2 billion pounds, about 1 percent less than in 1986 and 1985. Despite declining milk cow numbers and fewer dairy farms, the state's milk production has exceeded 2 billion pounds for the past thirteen years. A key factor in this record of achievement has been the amount of milk produced per cow. During 1987, the average milk produced per cow was 10,872 pounds, the highest annual average ever recorded for Tennessee.

The number of milk cows on Tennessee farms averaged 203,000 in 1987, compared with 207,000 in 1986 and a five year average of 211,000. There were 75,000 milk replacement heifers on hand January 1, 1988 compared with 85,000 a year earlier and a five year average of 93,000. The ratio of heifers to milk cows at 36.9 percent is the lowest since 1979.

Dairy farms have declined to the lowest level on record. The total number of farms licensed to sell milk plus those farms with one or more cows being milked for home use was 6,200 in 1987, down 200 from 1986. There are 1,776 producers licensed to sell grade A milk and 838 grade B producers.

Combined marketings of milk and cream generated $273.1 million in cash receipts for Tennessee dairymen in 1987, down $1.5 million from 1986. The average value per hundredweight of milk marketed improved in 1987 to $13.44, a $0.28 increase, but declining sales offset the price increase.

Total production of manufactured dairy products in Tennessee during 1987 was mostly above 1986. Ice cream mix was up 6 percent; ice cream, up 1 percent; ice milk mix, up 7 percent; and, ice milk, up 13 percent. Total cheese production excluding cottage cheese declined about 9 percent from 1986 to 1987.

MILK COWS: NUMBER ON FARMS, BY MONTHS, TENNESSEE, 1981-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.
						1,000 Head							
1981	215	215	213	213	213	213	213	214	214	214	214	214	214
1982	215	215	215	215	215	215	217	217	217	217	217	217	216
1983	217	217	217	215	215	214	214	214	214	214	214	214	215
1984	212	209	208	208	208	208	208	208	208	208	208	208	208
1985	210	210	210	210	210	210	210	210	210	210	210	210	210
1986	210	210	210	208	208	208	206	206	203	203	203	203	207
1987	203	203	203	203	201	201	201	203	203	205	205	204	203

AVERAGE MILK PRODUCTION PER COW: BY MONTHS, TENNESSEE, 1981-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Pounds							
1981	810	790	910	980	990	940	930	920	890	900	830	870	10,748
1982	850	790	890	955	1,025	965	895	910	900	900	850	855	10,769
1983	850	800	900	950	970	900	870	860	840	870	820	840	10,465
1984	820	790	870	950	960	860	840	860	850	865	820	830	10,346
1985	820	770	880	960	980	920	920	900	880	920	840	850	10,643
1986	850	790	890	980	990	930	910	910	890	900	850	860	10,729
1987	860	800	920	980	980	940	920	905	905	910	850	900	10,872

TOTAL MILK PRODUCED ON FARMS: BY MONTHS, TENNESSEE, 1981-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Million Pounds							
1981	174	170	194	209	211	200	198	197	190	193	178	186	2,300
1982	183	170	191	205	220	207	194	197	195	195	184	185	2,326
1983	184	174	195	204	209	193	186	184	180	186	175	180	2,250
1984	174	165	181	198	200	179	175	179	177	180	171	173	2,152
1985	172	162	185	202	206	193	193	189	185	193	176	179	2,235
1986	179	166	187	204	206	193	187	187	181	183	173	175	2,221
1987	175	162	187	199	197	189	185	184	184	187	174	184	2,207

MILK PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1983-87

Item	Unit	1983	1984	1985	1986	1987[1]
Milk Cows and Production of Milk and Milkfat on Farms:						
No. of milk cows on farms[2]	Thousands	215	208	210	207	203
Production of milk and milkfat[3]						
Per milk cow—Milk	Pounds	10,465	10,346	10,643	10,729	10,872
Per milk cow—Milkfat	Pounds	386	383	392	397	399
Percentage of fat in all milk produced	Percent	3.69	3.70	3.68	3.70	3.67
Total Milk	Mil. Lbs.	2,250	2,152	2,235	2,221	2,207
Total Milkfat	Mil. Lbs.	83.0	79.6	82.2	82.2	81.0
Milk Used and Marketed by Producers:						
Milk used on farms where produced						
Fed to calves[3]	Mil. Lbs.	41	110	118	104	145
Used for milk, cream and butter	Mil. Lbs.	43	35	35	30	30
Total	Mil. Lbs.	84	145	153	134	175
Milk marketed by producers						
Sold to plants and dealers as whole milk[4]	Mil. Lbs.	2,160	2,000	2,075	2,080	2,025
Sold directly to consumers[5]	Mil. Lbs.	6	7	7	7	7
Total	Mil. Lbs.	2,166	2,007	2,082	2,087	2,032
Milk Sold to Plants and Dealers[4]						
Quantity	Mil. Lbs.	2,160	2,000	2,075	2,080	2,025
Price per 100 lbs.	Dollars	13.60	13.70	13.50	13.10	13.40
Cash Receipts	Thous. Dol.	293,760	274,000	280,125	272,480	271,350
Milk Sold Directly to Consumers[5]						
Quantity	Thous. Qts.	2,791	3,256	3,256	3,256	3,256
Price per Quart	Cents	54	57	53	65	53
Cash Receipts	Thous. Dol.	1,507	1,856	1,726	2,116	1,726
Combined Marketing of Milk and Cream:						
Milk utilized	Mil. Lbs.	2,166	2,007	2,082	2,087	2,032
Average returns[6]						
per 100 lb. milk	Dollars	13.63	13.74	13.54	13.16	13.44
per lb. of milkfat	Dollars	3.69	3.71	3.68	3.56	3.66
Cash receipts from marketings	Thous. Dol.	295,267	275,856	281,851	274,596	273,076
Used for Milk, Cream, Butter on Farms where produced:						
Milk utilized	Mil. Lbs.	43	35	35	30	30
Value[7]	Thous. Dol.	5,862	4,811	4,738	3,947	4,032
Gross Farm Income from Dairy Products[8]	Thous. Dol.	301,129	280,666	286,589	278,544	277,107
Farm Value of All Milk Produced[7,9]	Thous. Dol.	306,718	295,786	302,563	292,227	296,593

[1]Preliminary. [2]Average number on farms during year, excluding heifers not yet fresh. [3]Excludes milk sucked by calves. [4]Includes milk produced by dealers' own herds. [5]Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. [6]Cash receipts divided by milk or milkfat represented in combined marketings. [7]Valued at average returns per 100 lbs. of milk in combined marketings of milk and cream. [8]Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter. [9]Includes value of milk fed to calves.

MILK FAT TEST: BY MONTHS, TENNESSEE, 1982-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All Milk						Percent						
1982	3.87	3.80	3.73	3.59	3.55	3.52	3.52	3.51	3.58	3.71	3.75	3.84
1983	3.85	3.84	3.70	3.68	3.57	3.55	3.54	3.53	3.56	3.68	3.82	3.93
1984	3.95	3.85	3.77	3.65	3.57	3.55	3.52	3.54	3.59	3.71	3.79	3.85
1985	3.86	3.87	3.70	3.58	3.56	3.55	3.53	3.55	3.63	3.74	3.79	3.87
1986	3.88	3.86	3.76	3.61	3.58	3.54	3.53	3.53	3.64	3.72	3.84	3.91
1987	3.88	3.83	3.74	3.66	3.55	3.51	3.49	3.47	3.56	3.72	3.81	3.84
Fluid												
1982	3.88	3.81	3.74	3.60	3.55	3.53	3.52	3.51	3.58	3.71	3.74	3.84
1983	3.86	3.85	3.70	3.68	3.57	3.56	3.55	3.53	3.56	3.67	3.82	3.93
1984	3.95	3.84	3.77	3.66	3.58	3.55	3.52	3.54	3.59	3.71	3.79	3.85
1985	3.86	3.87	3.70	3.58	3.56	3.56	3.53	3.56	3.63	3.75	3.78	3.87
1986	3.88	3.87	3.77	3.62	3.59	3.56	3.54	3.54	3.64	3.72	3.84	3.91
1987	3.88	3.83	3.75	3.67	3.56	3.51	3.49	3.47	3.56	3.73	3.81	3.84
Manufacturing												
1982	3.84	3.75	3.67	3.56	3.54	3.46	3.50	3.50	3.55	3.69	3.80	3.81
1983	3.80	3.77	3.69	3.67	3.54	3.52	3.51	3.50	3.56	3.72	3.82	3.89
1984	3.90	3.90	3.78	3.61	3.52	3.54	3.52	3.51	3.62	3.68	3.84	3.87
1985	3.81	3.87	3.67	3.56	3.52	3.48	3.50	3.52	3.59	3.66	3.84	3.84
1986	3.89	3.78	3.71	3.51	3.49	3.44	3.48	3.48	3.64	3.76	3.86	3.94
1987	3.84	3.88	3.68	3.61	3.48	3.48	3.47	3.47	3.54	3.61	3.84	3.87

MILK: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1982-87

DOLLARS PER CWT.

ALL WHOLESALE

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
1982	14.10	13.90	13.80	13.50	13.40	13.20	13.40	13.40	13.50	13.50	13.80	13.90	13.60
1983	14.00	14.00	13.80	13.70	13.30	13.40	13.40	13.40	13.40	13.60	13.80	13.70	13.60
1984	13.90	13.50	13.50	13.00	13.10	13.10	13.10	13.20	13.80	14.40	14.60	14.50	13.70
1985	14.70	14.70	14.00	13.50	13.40	13.10	13.10	12.90	12.70	13.00	13.00	12.90	13.50
1986	13.10	13.00	12.70	12.40	12.80	12.60	12.80	12.90	13.30	13.70	13.90	14.10	13.10
1987	14.20	14.00	13.60	13.20	12.90	12.90	12.90	12.90	13.40	13.40	13.50	13.40	13.40
FLUID MARKET													
1982	14.30	14.10	14.00	13.70	13.70	13.50	13.70	13.70	13.80	13.80	14.00	14.10	13.90
1983	14.20	14.20	14.00	14.00	13.60	13.70	13.70	13.70	13.70	13.80	14.00	13.90	13.90
1984	14.10	13.70	13.70	13.20	13.30	13.40	13.30	13.40	14.10	14.60	14.80	14.70	13.90
1985	15.00	14.90	14.20	13.70	13.60	13.40	13.40	13.20	12.90	13.20	13.20	13.10	13.70
1986	13.30	13.20	12.90	12.60	13.00	12.90	13.10	13.20	13.60	14.00	14.10	14.30	13.30
1987	14.40	14.20	13.80	13.40	13.10	13.20	13.20	13.20	13.70	13.60	13.70	13.60	13.60
MANUFACTURING GRADE													
1982	12.40	12.20	12.10	12.00	11.80	11.60	11.70	11.70	11.70	11.80	12.00	11.90	11.90
1983	12.10	12.00	11.80	11.70	11.60	11.50	11.50	11.50	11.60	11.80	11.90	12.00	11.70
1984	12.00	11.90	11.90	11.60	11.60	11.50	11.60	11.70	11.90	12.70	12.50	12.40	11.90
1985	11.80	12.50	11.80	11.80	11.50	11.30	11.10	11.00	11.10	11.30	11.50	11.40	11.50
1986	11.40	11.20	11.10	10.70	10.80	10.70	10.70	10.80	11.20	11.40	11.60	11.70	11.10
1987	11.50	11.50	11.10	11.10	10.90	10.90	10.90	11.00	11.20	11.40	11.60	11.30	11.20

MILK COWS: PRICES RECEIVED BY FARMERS, BY QUARTERS, TENNESSEE, 1982-87

Year	January	April	July	October	Annual Average
			Dollars Per Head		
1982	1,060	980	1,030	1,000	1,020
1983	1,000	970	990	900	970
1984	780	790	800	770	785
1985	790	800	810	760	790
1986	750	730	770	740	750
1987	780	850	840	860	835

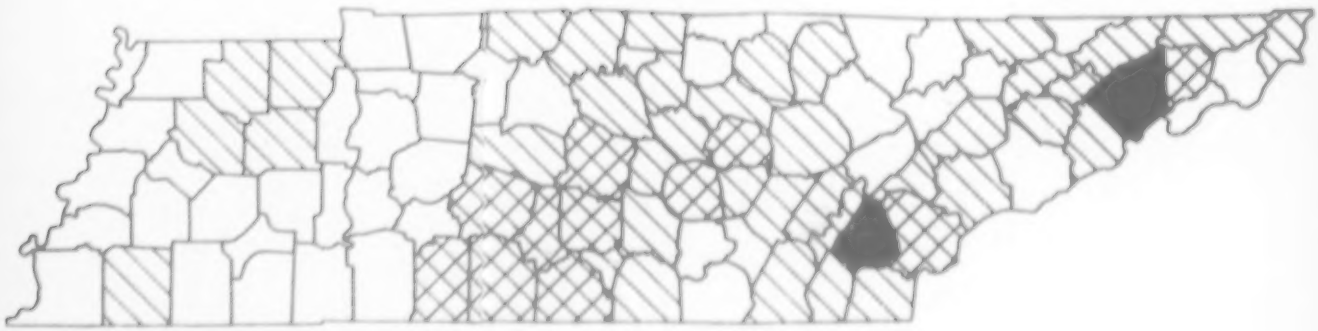
GRAIN AND OTHER CONCENTRATES: QUANTITY FED TO MILK COWS AND VALUE, TENNESSEE, 1985-87

	QUANTITY FED DAILY PER COW				QUANTITY FED ANNUALLY			ANNUAL AVERAGE VALUE OF FEED	
	Jan 1	Apr 1	July 1	Oct 1	Per Cow	Per CWT. of Milk	Total	Per CWT.	Per CWT. of Milk
	Pounds				Pounds		Tons	Dollars	
1985	14.5	14.0	15.0	14.0	4,900	46	515	$8.20	$3.77
1986	14.5	15.0	14.0	13.5	4,940	46	512	$8.02	$3.69
1987	16.0	16.0	15.0	14.5	4,780	44	485	$8.01	$3.55

TENNESSEE

MILK COWS

January 1, 1988



HEAD

10,000 and Over

5,000-9,999

1,000-4,999

Under 1,000

TOP FIVE COUNTIES

1. GREENE	14,500
2. McMINN	11,500
3. LINCOLN	8,200
4. WASHINGTON	8,000
5. MARSHALL	7,700

MILK COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1987-88[1]

District & County	1987 Number	1988 Number	Rank
Dyer	300	300	72*
Lake	[2]	[2]	
Lauderdale	300	300	72*
Obion	700	700	56*
Shelby	300	300	72*
Tipton	400	400	69*
District 1	2,000	2,000	
Benton	100	100	82*
Carroll	1,000	1,000	50*
Chester	300	300	72*
Crockett	[2]	[2]	
Decatur	[2]	[2]	
Fayette	1,700	1,600	40*
Gibson	1,100	1,100	45*
Hardeman	300	300	72*
Hardin	200	200	80*
Haywood	[2]	[2]	
Henderson	200	100	82*
Henry	2,800	2,800	24*
McNairy	[2]	[2]	
Madison	400	300	72*
Weakley	3,100	3,200	21*
Other Counties[3]	300		
District 2	11,500	11,000	
Cheatham	[2]	[2]	
Dickson	600	600	61*
Hickman	200	200	80*
Houston	[2]	[2]	
Humphreys	600	600	61*
Lawrence	5,800	6,000	10
Lewis	[2]	100	82*
Montgomery	900	900	52*
Perry	[2]	[2]	
Robertson	4,200	4,600	14
Stewart	[2]	[2]	
Wayne	[2]	[2]	
Other Counties[3]	200		
District 3	12,500	13,000	
Bedford	6,600	6,600	7
Cannon	3,200	3,200	21*
Clay	300	300	72*
Davidson	700	800	54*
DeKalb	1,800	1,800	37*
Giles	6,500	6,500	8
Jackson	300	300	72*
Lincoln	8,500	8,200	3
Macon	1,000	1,000	50*
Marshall	7,800	7,700	5
Maury	5,500	5,600	11
Moore	2,000	1,900	35*
Rutherford	6,800	7,000	6
Smith	1,200	1,200	43*
Sumner	2,800	2,800	24*
Trousdale	500	500	66*
Williamson	4,500	4,500	15*
Wilson	3,000	3,100	23
District 4	63,000	63,000	
Bledsoe	2,000	1,900	35*
Coffee	4,200	4,500	15*
Cumberland	2,500	2,600	28
Fentress	1,100	1,200	43*
Franklin	4,000	4,000	18*
Grundy	900	900	52*
Marion	500	500	66*
Morgan	600	600	61*
Overton	2,100	2,100	31*
Pickett	300	400	69*
Putnam	2,300	2,000	33*
Scott	400	400	69*
Sequatchie	700	800	54*
Van Buren	1,100	1,100	45*
Warren	5,300	5,500	12*
White	5,000	5,500	12*
District 5	33,000	34,000	
Anderson	700	700	56*
Blount	2,800	2,800	24*
Bradley	4,200	4,500	15*
Campbell	500	600	61*
Carter	700	700	56*
Claiborne	2,100	2,100	31*
Cocke	2,800	2,700	27
Grainger	1,600	1,600	40*
Greene	14,500	14,500	1
Hamblen	1,800	1,800	37*
Hamilton	1,200	1,100	45*
Hancock	700	700	56*
Hawkins	2,300	2,300	29*
Jefferson	3,500	3,600	20
Johnson	1,100	1,100	45*
Knox	1,508	1,500	42
Loudon	4,200	4,000	18*
McMinn	11,500	11,500	2
Meigs	1,500	1,700	39
Monroe	6,200	6,300	9
Polk	2,000	2,000	33*
Rhea	1,100	1,100	45*
Roane	700	700	56*
Sevier	600	600	61*
Sullivan	2,300	2,300	29*
Unicoi	[2]	[2]	
Union	500	500	66*
Washington	8,400	8,000	4
District 6	81,000	81,000	
STATE	203,000	204,000	

[1]1987 Final; 1988 Preliminary.
[2]Not published to avoid disclosing individual operations.
[3]Other Counties include counties combined to avoid disclosing individual operations.
*Tied

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY MONTHS, TENNESSEE, 1986-87

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total
	1,000 Gallons												
1986													
Ice Cream Mix	600	664	833	879	960	996	1,015	1,165	893	950	742	771	10,468
Ice Milk Mix	156	189	221	250	275	284	294	291	220	227	155	148	2,710
Milk Sherbet Mix	42	37	45	67	59	72	77	60	47	57	41	36	640
Ice Cream	1,203	1,410	1,736	1,816	1,868	1,896	2,434	2,212	1,816	1,730	1,500	1,454	21,075
Ice Milk[1]	340	419	514	564	587	620	672	684	490	501	336	296	6,023
Milk Sherbet	66	45	69	106	78	102	102	78	74	80	59	50	909
1987													
Ice Cream Mix	812	826	1,123	1,010	1,173	1,287	1,180	1,049	984	690	441	474	11,049
Ice Milk Mix	136	180	237	229	262	321	326	291	266	216	147	289	2,900
Milk Sherbet Mix	50	37	56	59	65	77	71	60	57	38	29	63	662
Ice Cream	1,528	1,567	2,008	2,022	2,106	2,572	2,352	2,161	1,945	1,225	836	945	21,267
Ice Milk[1]	304	424	622	535	612	757	848	692	710	485	302	503	6,794
Milk Sherbet	75	56	88	88	98	118	109	94	98	70	57	54	1,005

[1]Includes hard, soft-serve, and freezer-made milkshake.

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIED PRODUCTS, TENNESSEE, 1981-87

Year	Total Ice Cream	Sherbet (Milk)	Ice Milk	Ice Cream Mix	Ice Milk Mix	Milk Sherbet Mix
			1,000 Gallons			
1981	18,095	1,031	5,164	9,236	2,501	670
1982	19,053	899	4,912	9,577	2,293	587
1983	18,633	916	5,413	9,507	2,379	588
1984	19,135	933	5,536	9,823	2,397	601
1985	19,119	918	6,636	9,702	2,769	590
1986	21,075	909	6,023	10,468	2,710	640
1987	21,267	1,005	6,794	11,049	2,900	622

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIC PRODUCTS, TENNESSEE, 1981-87

Year	Butter	American Cheese Made From Whole Milk	Cottage Cheese Curd	Cottage Cheese Creamed
			1,000 Pounds	
1981	26,785	20,834	3,961	6,034
1982	27,329	19,274	5,981	8,696
1983	28,463	21,696	6,768	9,173
1984	[1]	10,613	6,970	9,297
1985	[1]	[1]	7,099	9,625
1986	[1]	[1]	[1]	[1]
1987	[1]	[1]	7,128	8,284

[1]Production not shown to avoid disclosing individual operations.

POULTRY

CHICKENS: NUMBER ON FARMS AND VALUE, TENNESSEE, DECEMBER 1, 1981-87

Year	Total[1]	Hens	Pullets Laying	Pullets[2]	Pullets[3]	Other Chickens	Value All Chickens	
			1,000 Birds				Per Head Dollars	Total 1,000 Dol.
1981	4,500	2,120	1,580	550	100	150	1.35	6,075
1982	4,700	1,380	2,270	510	400	140	1.45	6,815
1983	3,900	1,560	1,440	380	410	110	1.75	6,825
1984	4,100	1,410	1,790	500	280	120	1.85	7,585
1985	3,300	1,120	1,560	[4]	[4]	[4]	1.85	6,105
1986	3,500	1,000	1,585	265	550	100	1.70	5,950
1987	3,250	1,260	1,210	290	410	80	1.25	4,063

[1]Excludes commercial broilers. [2]Over 3 months. [3]Under 3 months.
[4]Not published to avoid disclosure of individual operations.

CHICKENS: NUMBER LOST AND SOLD, AND VALUE OF SALES, TENNESSEE, 1981-87

Year[1]	Number Lost	Number Sold	Pounds Sold	Value of Sales[2]
	1,000 Birds		1,000 Lbs.	1,000 Dollars
1981	600	2,800	14,000	1,680
1982	500	2,200	11,000	990
1983	500	3,000	15,000	1,575
1984	450	2,350	11,750	1,763
1985	420	2,740	10,960	1,589
1986	375	1,920	7,680	960
1987	310	1,650	6,600	660

[1]Annual estimates cover the period December 1 previous year through November 30 and excludes commercial broilers. [2]Formerly called Cash Income

MARKET EGGS: PRICES RECEIVED BY FARMERS, TENNESSEE, BY MONTHS, 1981-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
	Cents Per Dozen												
1981	65.7	63.0	64.0	69.3	59.9	57.5	64.5	68.5	74.5	74.0	76.5	71.0	67.0
1982	75.3	73.7	74.5	67.4	57.4	54.7	55.6	52.0	55.4	59.5	57.6	51.1	62.9
1983	51.5	54.0	56.5	55.9	61.4	59.0	57.0	59.7	63.4	67.9	74.7	66.0	59.1
1984	75.0	91.0	84.0	91.0	71.0	61.0	61.1	60.0	61.3	55.5	64.9	60.5	70.2
1985	49.2	48.5	57.2	51.9	48.8	57.5	50.2	58.9	63.6	65.5	69.9	65.8	56.7
1986	66.7	59.5	70.3	54.9	55.0	46.2	61.6	58.2	66.7	58.5	69.8	[2]	61.1
1987[2]													46.0

[1]Marketing year is December 1 previous year through November 30 current year.
[2]Monthly price estimates discontinued.

EGGS: PRODUCTION AND VALUE, TENNESSEE, 1981-87

Year[1]	Average Number of Layers during year	Eggs Per Layer	Eggs Produced	Price Per Dozen	Value of Production
	1,000 Birds	Number	Million	Cents	1,000 Dollars
1981	3,747	246	922	67.0	51,479
1982	3,649	242	884	63.3	46,631
1983	3,232	254	822	59.6	40,826
1984	2,901	256	744	71.0	44,020
1985	2,948	256	756	56.7	35,721
1986	2,637	251	663	61.1	33,758
1987	**2,684**	**250**	**670**	**46.0**	**25,683**

[1]Annual estimates cover the period December 1 through November 30.

EGG PRODUCTION: BY MONTHS, TENNESSEE, 1981-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
							Million Eggs						
1981	85	76	82	77	78	73	73	71	71	77	75	76	922
1982[2]	225			230			214			215			884
1983	71	65	72	69	71	70	71	69	65	65	60	61	822
1984	64	59	62	59	60	59	61	62	63	67	67	69	744
1985	69	59	63	62	63	60	62	62	62	65	60	60	756
1986[2]	172			170			165			156			663
1987[2]	**159**			**175**			**176**			**160**			**670**

[1]The marketing year covers the period December 1 previous year through November 30 current year.
[2]Estimates made on quarterly basis.

HENS AND PULLETS OF LAYING AGE: BY MONTHS, TENNESSEE, 1981-87

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.[1]
							Thousands						
1981	3,970	4,010	3,885	3,715	3,716	3,645	3,601	3,576	3,551	3,610	3,660	3,706	3,747
1982[2]	3,835			3,748			3,475			3,538			3,649
1983	3,320	3,331	3,310	3,270	3,253	3,248	3,230	3,260	3,096	2,968	3,018	3,030	3,232
1984	2,988	2,860	2,813	2,811	2,781	2,783	2,846	2,888	2,921	2,983	3,018	3,160	2,901
1985	3,095	3,040	2,950	2,855	2,810	2,860	2,910	2,931	2,951	2,976	2,845	2,746	2,948
1986[2]	2,721			2,746			2,576			2,503			2,637
1987[2]	**2,608**			**2,780**			**2,786**			**2,556**			**2,684**

[1]The marketing year covers the period December 1 previous year through November 30 current year.
[2]Estimates made as quarterly averages.

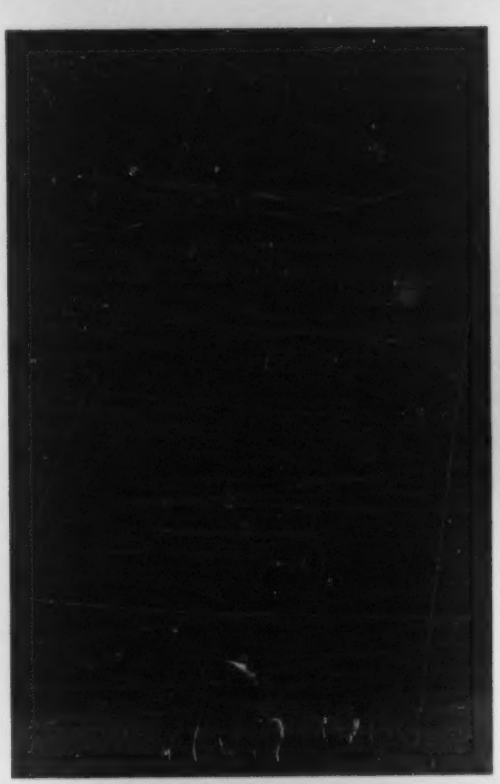
BROILERS: PRODUCTION AND INCOME, TENNESSEE, 1981-87

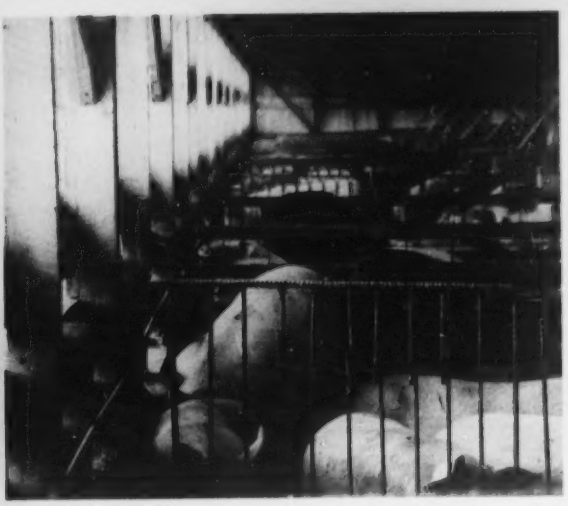
Year	Birds Produced	Pounds Produced	Price Per Pound	Value of Production
	1,000	1,000	Cents	1,000 Dollars
1981	64,521	245,180	27.0	66,199
1982	65,948	263,792	25.0	65,948
1983	61,054	244,216	27.5	67,159
1984	68,567	281,125	31.0	87,149
1985	70,892	290,657	27.5	79,931
1986	82,500	346,500	31.5	109,148
1987	92,500	388,500	25.5	99,068

BROILERS: PRICES RECEIVED BY FARMERS, BY MONTHS, TENNESSEE, 1981-87[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[2]
	CENTS PER POUND												
1981	27.0	28.0	27.5	25.0	29.0	29.5	29.0	27.0	25.0	23.0	22.0	21.0	27.0
1982	25.5	25.0	25.5	24.0	26.0	27.0	26.5	25.0	25.0	23.5	23.0	23.0	25.0
1983	21.0	25.0	23.0	24.5	26.5	28.5	30.0	31.5	32.0	31.0	33.0	31.0	27.5
1984	36.0	35.5	35.5	32.0	32.0	30.0	31.5	28.5	29.0	27.0	28.0	27.0	31.0
1985	28.0	28.0	27.0	25.5	27.5	29.0	28.0	27.0	27.5	26.0	29.0	26.5	27.5
1986	27.5	26.5	26.0	26.5	31.0	31.0	41.0	40.5	34.0	34.5	32.0	[3]	31.5
1987[3]													25.5

[1]Liveweight equivalent price.
[2]Marketing year is December 1 through November 30. Average prices are computed by weighting monthly prices by the estimated percentage of sales each month.
[3]Monthly estimates discontinued.





1987 WEATHER SUMMARY

The year 1987 goes down in the history books as a record dry year in some areas, with many parts of Tennessee receiving less than half the normal amount of rainfall. But the showers that did spread across the State were well-timed, and overall, crops responded very favorably. The notable exceptions were tobacco and soybeans, which suffered irreparable damage under the searing August sun. Great cotton harvest weather allowed the crop to bump soybeans out of the Number One spot as the State's leading cash crop. Although much of the growing season was marked by inadequate precipitation, drenching rains late in the year reversed deficits in some parts of the State.

January: Little rain fell early in January, but above normal rainfall late in the month prompted stream flooding in the Plateau and the mountains of East Tennessee. The East was blanketed with heavy snow at mid-month, with freezing rain and snow falling across much of the State. Increased supplemental hay feeding was necessary because of the wintry weather. Temperatures averaged four to six degrees below normal in spite of a mid-winter thaw that pushed the mercury up into the sixties early in the month. Soil moisture levels were ample as the year began.

February: Above normal temperatures prevailed throughout much of the month. The mercury reached a balmy 71 degrees at one West Tennessee station early in the month. Temperatures averaged in the low 40s overall. Heavy rains fell statewide, with precipitation averaging above normal for February. Hay supplies were adequate, and livestock remained in statisfactory condition. The weather was very favorable for farm chores and other outside maintenance.

March: Warm weather continued, especially in West Tennessee where temperatures were 7 to 10 degrees above normal. Precipitation was short, with most of East Tennessee receiving very little rainfall during the month. West Tennessee averaged 3 to 4 inches of precipitation, and snow showers were scattered across the State late in the month. Tillage progressed where dry soils permitted. Winter wheat and pastures were showing good growth. Cattle were in satisfactory condition.

April: The weather came in all varieties as the growing season began. The early month brought heavy snow to the East and frigid temperatures Statewide. The mercury dipped as low as 18 degrees during the first week of April, wreaking havoc for peach growers. Most of their trees were in full bloom when the ice struck its lethal blow. What a contrast late in the month when temperatures hit record breaking nineties in West Tennessee, with upper eighties across the State. Topsoil moisture supplies were quickly replenished by drenching rains. By month's end, row crop planting was running ahead of normal. Tobacco beds were in good condition. Pastures and hay crops benefitted considerably from the warmer, moist weather, and were showing good growth. Cattle were also in good shape.

May: Warm, dry weather began to deplete topsoil moisture supplies. Farmers were able to make enormous planting progress early in the month. However the dry weather became a concern to some growers, who elected to stop planting until rain fell later in the month. Crop stands and growth improved with scattered showers and high humidity toward month's end. Planting continued ahead of normal for all crops. Cultivation began earlier than usual because of poor herbicide performance. Crops were in mostly fair condition across the State. Soybeans were failing to germinate and emerge normally because of the dry weather. Cotton fields and pastures were also beginning to show stress from the lack of rainfall. Some growers benefitted from scattered showers late in the month.

June: Early summer brought good, steady rains across Tennessee. Hay and wheat harvest progressed rapidly, as did final soybean planting. Pastures, cotton, and corn flourished with the showers and were rated in good to excellent condition. Boll weevil populations were at threshold levels in some areas and spraying was underway. Cattle were in good condition and hay fields and pastures were much improved. Farmers kept busy with haying, cultivating, and wheat harvesting. Soil moisture levels across the State were replenished, with most growers reporting an adequate supply. Temperatures ranged from 4 to 6 degrees above normal across the State.

July: Regular afternoon showers brought good growing conditions to the State during the first half of the month. However, the situation took a dramatic turn for the worse in late July as hot, dry weather began to parch Tennessee fields. The dry conditions coupled with scortching temperatures sapped the soil moisture from maturing crops. Most farmers said they had less-than-adequate moisture by mid-month. Crops began to show signs of stress, but were still in mostly good to fair condition. Corn, sorghum, and cotton continued to progress ahead of schedule. Late planted soybeans were suffering from the lack of rainfall during the last half of the month. East Tennessee pastures were drying up more quickly than the remainder of the State, and livestock were suffering from heat stress.

August: The dry spell continued to cause problems for Tennessee farmers. Pastures were placed under further stress, and the lack of rainfall began to take its toll on soybeans and tobacco in the field. Rainfall amounts were far below normal throughout the State with Middle Tennessee taking the brunt of the lack of rainfall. Despite these deficits, most crops were rated in fair condition. Corn and sorghum were maturing rapidly with harvest getting underway. Cotton farmers started chemical defoliation with bolls opening ahead of schedule. Supplemental hay feeding continued, as the high temperatures reduced pastures and slowed cattle gains. Some ponds had low water levels. Temperatures averaged one to two degrees above normal. Precipitation remained below normal Statewide.

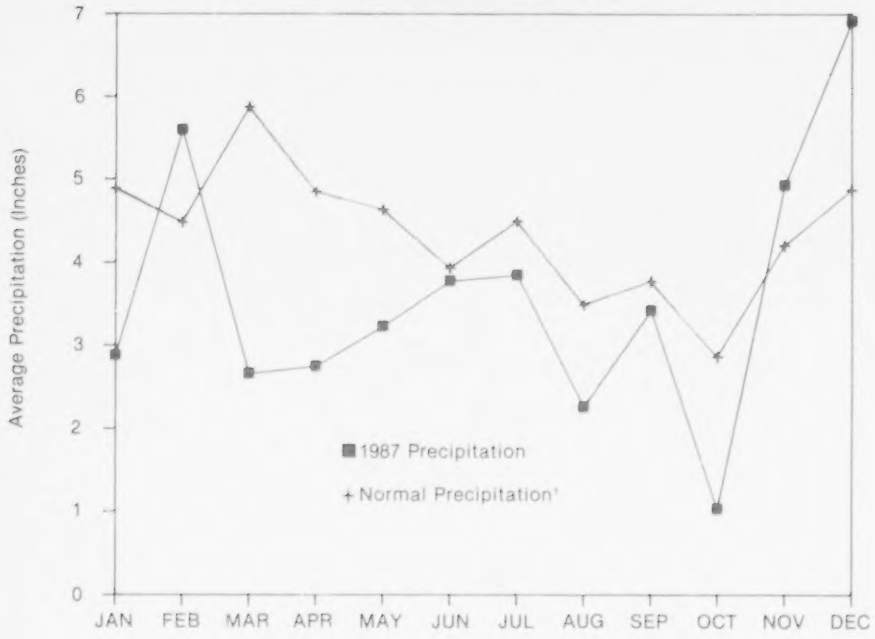
September: Ideal harvesting weather brought one of the earliest harvests in Tennessee history. The cotton, corn, and sorghum harvest pace was about two weeks ahead of normal, and tobacco cutting was completed on schedule. Scattered showers late in the month provided a little relief with one-fourth of the growers reporting adequate soil moisture supplies. However topsoil moisture was still lacking in the remaining three-fourths of the State. General showers late in the month provided moisture needed for fall seedings and pastures. Farmers were busy baling hay and stripping tobacco between the showers. Temperatures averaged near normal for most of the Volunteer State, with precipitation averaging slightly below normal.

October: Mother Nature played favorites this month. She tossed several dry air masses across the State. This was good news for farmers active with their row crop harvest. Soybeans were being combined well ahead of schedule, and growers were wrapping up corn, sorghum, and cotton harvests. However, the dry weather continued to spell problems for cattlemen, wheat growers, and tobacco producers. Rain was sorely needed in Middle Tennessee and East Tennessee to improve wheat stands and pasture growth, and to replenish water in ponds. Tobacco growers were looking for moist conditions to bring tobacco in order. Dry weather was making the crop difficult to strip. More than ninety percent of the State's farmers were short on soil moisture by the end of the month. Temperatures averaged several degrees below normal, with the coolest weather in the East.

Novernber: Pastures remained in poor condition as the month began very dry. Burley stripping was running behind the 5-year average. As tobacco markets opened, the dry year had produced an off-color crop that lacked the quality of previous seasons. Much-needed rain fell during the second half of the month, replenishing soil moisture supplies in West and Middle Tennessee. Winter wheat seedings progressed well ahead of schedule, and the soybean harvest was wrapped up earlier than normal. Temperatures varied greatly, ranging from six degrees below normal in early November, to ten degrees above normal later in the month.

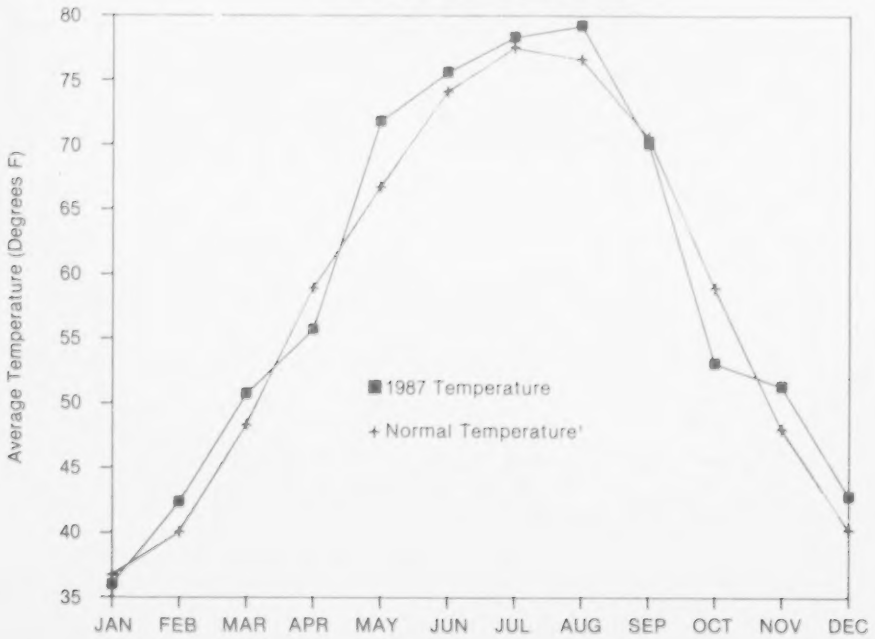
December: Very heavy rains late in the month brought ground water and topsoil moisture supplies to the highest levels in over two years. Nearly ten inches of rain fell in one week in West Tennessee, with Middle and East Tennessee getting a good splashing as well. The storms brought river flooding to the west and middle parts of the State. Tobacco growers were busy at market and cattlemen watched their herds respond favorably to the warm, wet weather. With an ironic twist, a year characterized by very dry conditions ends on a soggy note.

TENNESSEE



¹Normals based on 1951-1980 data.

TENNESSEE



¹Normals based on 1951-1980 data.

PROBABILITY OF LAST SPRING FREEZE BY LOCATION[1]

(32 DEGREES F)

Location	PROBABILITY OF 90%	50%	25%
District 1			
Covington	March 15	March 31	April 8
Memphis	March 10	March 25	April 2
Newbern	Feb. 23	April 10	May 5
Samburg	March 14	April 9	April 22
District 2			
Bolivar	March 19	April 11	April 23
Brownsville	March 5	April 15	May 6
Jackson	March 22	April 6	April 14
Martin	March 16	April 10	April 23
Milan	March 13	April 6	April 19
Paris	March 21	April 9	April 19
District 3			
Clarksville	March 16	April 18	May 5
Dickson	March 6	April 5	April 21
Dover	April 2	April 20	April 29
Savannah	March 21	April 17	May 1
Springfield	March 16	April 13	April 27
Waynesboro	April 8	April 25	May 4
District 4			
Ashwood	March 28	April 10	April 17
Carthage	Feb. 28	April 8	April 28
Dale Hollow Dam	March 11	April 18	May 9
Lewisburg	March 24	April 24	May 10
Lynnville	March 29	April 20	May 1
Murfreesboro	March 15	April 12	April 26
Nashville	March 24	April 5	April 11
Palmetto	March 17	April 28	May 20
District 5			
Allardt	April 6	May 6	May 21
Crossville	April 3	April 27	May 10
Monteagle	March 21	April 17	May 2
Tullahoma	March 20	April 13	April 26
District 6			
Chattanooga	March 23	April 5	April 11
Copperhill	March 31	April 18	April 27
Gatlinburg	April 14	May 15	May 31
Kingsport	March 24	April 28	May 17
Knoxville	March 18	April 2	April 10
Loudon	March 19	April 17	May 3
Newport	March 11	April 14	May 2
Oak Ridge	March 7	April 7	April 23
Rogersville	March 25	May 1	May 2

[1]For example, in Covington a 90 percent chance remains for a spring freeze by March 15. Chance of a freeze at this same location decreases to 50 percent by March 31 and to 25 percent by April 8.

PROBABILITY OF FIRST FALL FREEZE BY LOCATION[1]

(32 DEGREES F)

Location	PROBABILITY OF 50%	25%	10%
District 1			
Covington	Oct. 26	Nov. 12	Nov. 26
Memphis	Nov. 6	Nov. 13	Nov. 19
Newbern	Oct. 13	Nov. 6	Nov. 28
Samburg	Oct. 15	Nov. 6	Nov. 25
District 2			
Bolivar	Oct. 11	Oct. 31	Nov. 18
Brownsville	Oct. 8	Nov. 5	Nov. 30
Jackson	Oct. 24	Oct. 31	Nov. 7
Martin	Oct. 15	Nov. 7	Nov. 28
Milan	Oct. 17	Nov. 7	Nov. 26
Paris	Oct. 25	Nov. 1	Nov. 7
District 3			
Clarksville	Oct. 2	Oct. 30	Nov. 24
Dickson	Oct. 24	Oct. 31	Nov. 6
Dover	Oct. 14	Oct. 21	Oct. 27
Savannah	Oct. 20	Nov. 10	Nov. 29
Springfield	Oct. 11	Nov. 5	Nov. 28
Waynesboro	Oct. 11	Oct. 18	Oct. 25
District 4			
Ashwood	Oct. 20	Oct. 31	Nov. 9
Carthage	Oct. 22	Nov. 13	Dec. 2
Dale Hollow Dam	Oct. 16	Nov. 2	Nov. 17
Lewisburg	Oct. 4	Oct. 30	Nov. 22
Lynnville	Oct. 12	Oct. 21	Nov. 3
Murfreesboro	Oct. 13	Nov. 4	Nov. 25
Nashville	Oct. 29	Nov. 5	Nov. 10
Palmetto	Oct. 5	Oct. 31	Nov. 22
District 5			
Allardt	Sept. 19	Oct. 15	Nov. 8
Crossville	Oct. 8	Oct. 27	Nov. 13
Monteagle	Oct. 28	Nov. 8	Nov. 18
Tullahoma	Oct. 20	Nov. 1	Nov. 11
District 6			
Chattanooga	Oct. 30	Nov. 5	Nov. 9
Copperhill	Oct. 14	Oct. 31	Nov. 15
Gatlinburg	Sept. 11	Oct. 13	Nov. 12
Kingsport	Sept. 27	Oct. 26	Nov. 21
Knoxville	Oct. 31	Nov. 12	Nov. 24
Loudon	Oct. 22	Nov. 14	Dec. 5
Newport	Oct. 20	Nov. 13	Dec. 4
Oak Ridge	Oct. 31	Nov. 6	Nov. 11
Rogersville	Oct. 14	Nov. 2	Nov. 19

[1]Extracted from U.S. Department of Commerce, Environmental Sciences Services Administration, National Oceanic and Atmospheric Administration, Asheville, N.C., Climatological Data—Tennessee.

INTERNATIONAL TRADE

INTRODUCTION

It is not possible under present methods of statistical measurement to determine what amount of Tennessee's agricultural production is actually sold abroad. No reliable system of reporting this information has yet been designed, and no official series of data exists.

USDA's Economic Research Service (ERS) publishes estimates of U.S. agricultural export contributions by states on a fiscal year basis (October-September). See following page. These estimates are prepared by major commodity groups and in most cases are based on the assumption that, for each commodity, a state contributes the same export share as its share of production. However, where obvious distortions exist, this procedure is amended. In order to keep data manageable, ERS limits exports only to states that account for 90 percent of a given commodity's output. They also assumed that a state would export only if it had an apparent surplus. They further assume that, although this method could eliminate some export states, it's more likely that large exporters would be sufficiently credited. Thus, for Tennessee, ERS no longer publishes estimates for wheat, feed grains, fruits or nuts, and no allowance is made for them in the "other" category.

U.S. AGRICULTURAL EXPORTS TURN UPWARD

U.S. agricultural exports rebounded strongly in calendar year (CY) 1987, totaling $28.6 billion and 133 million tons. Lower prices, increased world trade, and reduced competition helped exports climb 24 million tons, the first substantial gain in export volume since CY 1980. Export value rose 9 percent as lower grain prices offset much of the 31 percent increase in grain export volume. Grains and cotton each accounted for about one-third of CY 1987's $2.4 billion increase, while oilseed and product value remained unchanged. High-value exports rose 9 percent to a record $11.2 billion as a favorable exchange rate improved U.S. competitiveness.

A rebounding share of an expanding world market pushed U.S. cotton export volume up 87 percent from year-earlier shipments to 1.3 million tons. The initiation of a U.S. marketing loan program in August 1986 closed what had become a large gap between world and U.S. prices during CY 1986. Under the marketing loan program, U.S. cotton producers can repay loans to the U.S. Commodity Credit Corporation at a rate that varies with world cotton prices.

Importers delayed purchasing U.S. cotton during much of CY 1986, and cotton sales to every major customer fell about 40 percent, as did total cotton sales. In CY 1987, the United States recovered its traditional 33 percent world trade share for cotton, and cotton sales to the three major U.S. customers rose simultaneously. U.S. cotton exports in 1987 rose 18 percent over 1985 levels, while those to Western Europe, Japan, and Other East Asia rose 13 percent, 22 percent, and 26 percent.

Exports of oilseeds and products were virtually unchanged in CY 1987, remaining near 29 million tons and $6.4 billion. Policy changes in recent years have less directly affected U.S. oilseed trade than trade of other bulk products, such as grains and cotton. Surplus stocks of soybeans and soybean meal in the United States and overseas have remained substantially smaller than those for grains during the 1980's. U.S. soybean exports did not suffer anticipation-induced declines in CY 1987 as did grain and cotton exports during the summer of 1986.

AGRICULTURAL EXPORTS: TENNESSEE AND U.S., 1985-87

Commodity	Tennessee			United States		
	1985	1986	1987	1985	1986	1987
	Million Dollars					
Soybeans and Products	136.1	120.3	107.4	5,267.1	5,578.5	5,747.0
Tobacco, unmanufactured	79.2	73.9	69.1	1,587.9	1,317.5	1,203.9
Cotton and Linters	51.1	21.6	58.5	1,966.8	691.9	1,429.4
Cottonseed and Products	3.9	3.4	2.3	151.7	113.3	56.1
Wheat and Products	—	—	—	4,525.8	3,546.8	3,119.4
Feed Grains and Products	—	—	—	7,600.6	4,707.2	4,661.7
Live Animals and Meat, Excluding Poultry	12.4	12.9	14.1	1,160.9	1,356.7	1,630.2
Fats, Oils, and Greases	4.7	3.2	2.8	607.9	476.5	416.8
Poultry and Products	1.0	1.1	1.3	392.8	455.3	594.3
Hides and Skins	9.1	8.9	9.9	1,324.6	1,440.4	1,665.6
Vegetables and Preparations	.9	1.3	1.2	945.8	998.2	1,177.7
Dairy Products	5.7	5.8	6.8	413.5	430.2	489.9
Fruits and Preparations	—	—	—	1,200.1	1,237.0	1,466.0
Tree Nuts	—	—	—	512.0	491.6	593.7
Feeds & Fodder	1.2	2.3	1.9	472.8	554.6	670.9
Seeds	3.2	3.3	3.3	352.3	366.4	369.6
Other	6.7	7.0	8.1	1,414.0	1,456.4	1,660.0
All Commodities	315.2	265.1	286.6	31,200.8	26,306.9	27,873.8

Source: Foreign Agricultural Trade of the United States—Fiscal year ending September 30, USDA ERS.

VALUE OF U.S. FOREIGN TRADE AND TRADE BALANCE, CALENDAR YEARS 1970-87

Year	U.S. Exports				U.S. Imports				Trade Balance		
	Agricultural	Non Agricultural	Total	Percent Agricultural	Agricultural	Non Agricultural	Total	Percent Agricultural	Agricultural	Non Agricultural	Total
	Million Dollars			Percent	Million Dollars			Percent	Million Dollars		
1970	7,259	35,331	42,590	17	5,770	33,986	39,756	15	1,489	1,345	2,834
1971	7,693	35,799	43,492	18	5,823	39,693	45,516	13	1,870	- 3,894	- 2,024
1972	9,401	39,558	48,959	19	6,467	48,843	55,310	12	2,934	- 9,285	- 6,351
1973	17,680	52,566	70,246	25	8,419	60,605	69,024	12	9,261	- 8,039	1,222
1974	21,945	75,199	97,144	23	10,221	89,919	100,140	10	11,724	- 14,720	- 2,996
1975	21,859	84,702	106,561	21	9,293	87,638	96,931	10	12,566	- 2,936	9,630
1976	22,978	90,688	113,666	20	10,966	110,486	121,452	9	12,012	- 19,798	- 7,786
1977	23,636	95,370	119,006	20	13,438	134,538	147,976	9	10,198	- 39,168	- 28,970
1978	29,382	111,744	141,126	21	14,805	158,107	172,912	9	14,577	- 46,363	- 31,786
1979	34,749	143,842	178,591	19	16,724	189,126	205,850	8	18,025	- 45,284	- 27,259
1980	41,233	175,359	216,592	19	17,366	226,611	243,977	7	23,867	- 51,252	- 27,385
1981	43,339	185,622	228,961	19	16,772	242,240	259,012	6	26,567	- 56,618	- 30,051
1982	36,627	170,531	207,158	18	15,341	226,999	242,340	6	21,286	- 56,468	- 35,182
1983	36,099	159,870	195,969	18	16,530	240,150	256,680	6	19,569	- 80,280	- 60,711
1984	37,804	174,253	212,057	18	19,334	303,656	322,990	6	18,470	-129,403	-110,933
1985	29,041	177,884	206,925	14	19,968	323,584	343,552	6	9,073	-145,700	-136,627
1986	26,217	183,330	209,547	13	21,440	347,217	368,657	6	4,777	-163,887	-159,110
1987	28,638	215,221	243,859	12	20,398	381,668	402,066	5	8,240	-166,447	-158,207

Source: Foreign Agricultural Trade of the United States, USDA, ERS

Other Statistics

CROPS: USUAL PLANTING AND HARVESTING DATES, TENNESSEE

Crop	1987 Harvested Acreage	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Agricultural Statistics Districts*
			Begin	Most Active	End	
Corn:						
Grain	580,000	Apr. 10-June 10	Sept. 10	Oct. 1-Nov. 5	Dec.	Statewide
Silage	140,000	Apr. 10-June 10	Aug. 1	Aug. 20-Sept. 20	Oct. 20	Statewide
Cotton	435,000	Apr. 20-June 1	Sept. 20	Oct. 5-Nov. 1	Dec. 1	1, 2
Hay	1,570,000		May 1		Oct. 1	Statewide
Sorghum:						
Grain	75,000	May 15-July 10	Sept. 10	Oct. 1-Nov. 1	Dec. 1	1, 2, 3, 4
Silage	10,000	May 1-July 15	Aug. 20	Sept. 1-Sept. 30	Oct. 15	1, 2, 3, 4
Soybeans	1,250,000	May 5-July 5	Oct. 5	Oct. 20-Nov. 15	Dec. 10	1, 2, 3, 4
Tobacco:						
E. Dark-Fired (22)	5,500	May 10-June 20	Aug. 10	Aug. 25-Sept. 15	Oct. 1	3, 4
W. Dark-Fired (23)	460	May 10-June 20	Aug. 10	Aug. 25-Sept. 15	Oct. 1	Obion, Henry, Weakley
Burley (31)	43,000	May 10-June 20	Aug. 10	Aug. 20-Sept. 15	Oct. 1	3, 4, 5, 6
One-Sucker (35)	480	May 10-June 20	Aug. 10	Aug. 20-Sept. 15	Oct. 1	2, 3, 4
Wheat, Winter	350,000	Sept.15-Nov. 30	June 10	June 15-July 5	July 15	Statewide
Vegetable Crops:						
Processing						
Snap Beans	5,400	May 1-July 31	June 25	July 1-Sept. 30	Oct. 5	Cumberland Plateau
Fresh Market						
Tomatoes	4,600	Apr. 20-May 25	June 25	July 1-Aug. 31	Oct. 15	1, 5, 6
Irish Potatoes	1,800	Mar. 5-June 30	June 15	June 20-Sept. 15	Sept. 30	1, 4, 5, 6
Sweet Potatoes	800	May 1-June 15	Aug. 20	Sept. 15-Oct. 25	Nov. 10	Statewide
Fruit:						
Apples						
East			July 15	Sept. 1-Oct. 10	Oct. 20	5, 6
Middle, West			July 1	Aug. 20-Sept. 30	Oct. 5	1, 2, 3, 4
Peaches			June 20	July 1-Aug. 10	Aug. 15	Statewide

*See State Map

TILLAGE PRACTICES

No-till planting of soybeans, corn, and grain sorghum grained some ground in 1988 at the expense of other conservation tillage practices. However, conventional tillage accounts for 80 percent of the 1988 corn, soybeans, and grain sorghum land, about the same as 1986 and 1987.

Soybeans showed the largest increase in no-till acres as farmers tried desperately to battle the dry weather and poor planting conditions. It appears that the steady decline in no-till soybeans since 1984 has turned. Other conservation tillage for soybeans has continued to fall and was favored for only 100,000 acres, a decline of 110,000 acres since 1984.

Double cropping of soybeans and wheat was a popular practice in 1988 with the most acreage since 1984.

TILLAGE PRACTICES USED: BY CROP, TENNESSEE, 1984-88

Crop	Year	Total Acres Planted	No-Till[1]		Other Conservation Tillage[2]		Conventional Till[3]		Double Cropped[4]	
			Acres	% of Total[5]	Acres	% of Total[5]	Acres	% of Total[5]	Acres	% of Total
Soybeans	1984	1,900,000	370,000	19.5	210,000	11.1	1,320,000	69.5	490,000	25.8
	1985	1,500,000	240,000	16.0	140,000	9.3	1,120,000	74.7	230,000	15.3
	1986[6]	1,470,000	180,000	12.2	140,000	9.5	1,150,000	78.2	280,000	19.0
	1987	1,300,000	140,000	10.8	120,000	9.2	1,040,000	80.0	290,000	22.3
	1988	**1,400,000**	**180,000**	**12.9**	**100,000**	**7.1**	**1,120,000**	**80.0**	**340,000**	**24.3**
Corn	1984	850,000	191,000	22.5	126,000	14.8	533,000	62.7	52,000	6.1
	1985	950,000	120,000	12.6	160,000	16.8	670,000	70.5	60,000	6.3
	1986	910,000	100,000	11.0	100,000	11.0	710,000	78.0	40,000	4.4
	1987	730,000	75,000	10.3	80,000	11.0	575,000	78.8	30,000	4.1
	1988	**680,000**	**95,000**	**12.5**	**60,000**	**8.8**	**535,000**	**78.7**	**40,000**	**5.9**
Sorghum	1984	280,000	36,500	13.0	35,200	12.6	208,300	74.4	18,700	6.7
	1985	480,000	25,000	5.2	50,000	10.4	405,000	84.4	15,000	3.1
	1986	180,000	10,000	5.6	30,000	16.7	140,000	77.8	10,000	5.6
	1987	90,000	5,000	5.6	17,000	18.9	68,000	75.6	5,000	5.6
	1988	**45,000**	**3,000**	**6.7**	**5,000**	**11.1**	**37,000**	**82.2**	**3,000**	**6.7**
TOTAL	1984	3,030,000	597,500	19.7	371,200	12.3	2,061,300	68.0	560,700	18.5
	1985	2,930,000	385,000	13.1	350,000	11.9	2,195,000	74.9	305,000	10.4
	1986[6]	2,560,000	290,000	11.3	270,000	10.5	2,000,000	78.1	330,000	12.9
	1987	2,120,000	220,000	10.4	217,000	10.2	1,683,000	79.4	325,000	15.3
	1988	**2,125,000**	**268,000**	**12.6**	**165,000**	**7.8**	**1,692,000**	**79.6**	**383,000**	**18.0**

[1]No-Till—A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of a previous crop or the planting of a crop into sod, previous crop stubble or a cover where only the intermediate seed zone is disturbed.

[2]Other Conservation Tillage—Tillage practices prior to planting which result in a minimum of 30 percent ground cover or residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge-till, strip-till, and mulch till.

[3]Conventional Till—Systems where 100 percent of the surface layer is mixed or inverted by plowing, power tilling, or multiple disking.

[4]Double Cropped—Two crops harvested from the same field during one year. Example: small grain harvest Spring 1987, followed by soybeans, corn or sorghum in the Fall.

[5]Sum of no-till, other conservation and conventional till percents of total may not add to 100 percent due to rounding.

[6]Revised.

SOYBEANS TILLAGE PRACTICES: BY DISTRICT, TENNESSEE, 1987-88

Year	District	Total Acres Planted	No-Till		Other Conservation Till		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1987[1]	1	540,000	34,000	6.3	35,000	6.5	471,000	87.2
	2	455,000	51,000	11.2	47,000	10.3	357,000	78.5
	3	85,000	23,000	27.1	11,000	12.9	51,000	60.0
	4	116,000	15,000	12.9	23,000	19.8	78,000	67.2
	5	80,000	13,000	16.3	3,000	3.8	64,000	80.0
	6	24,000	4,000	16.7	1,000	4.2	19,000	79.2
State		1,300,000	140,000	10.8	120,000	9.2	1,040,000	80.0
1988[2]	1	580,000	50,000	8.6	21,000	3.6	509,000	87.8
	2	485,000	63,000	13.0	45,000	9.3	377,000	77.7
	3	102,000	30,000	29.4	6,000	5.9	66,000	64.7
	4	125,000	17,000	13.6	24,000	19.2	84,000	67.2
	5	85,000	15,000	17.6	3,000	3.5	67,000	78.8
	6	23,000	5,000	21.7	1,000	4.3	17,000	73.9
State		1,400,000	180,000	12.9	100,000	7.1	1,120,000	80.0

CORN TILLAGE PRACTICES: BY DISTRICT, TENNESSEE, 1987-88

Year	District	Total Acres Planted	No-Till		Other Conservation Till		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1987[1]	1	93,000	5,000	5.4	6,000	6.5	82,000	88.2
	2	250,000	20,000	8.0	33,000	13.2	197,000	78.8
	3	91,000	10,000	11.0	6,000	6.6	75,000	82.4
	4	110,000	13,000	11.8	13,000	11.8	84,000	76.4
	5	92,000	10,000	10.9	8,000	8.7	74,000	80.4
	6	94,000	17,000	18.1	14,000	14.9	63,000	67.0
State		730,000	75,000	10.3	80,000	11.0	575,000	78.8
1988[2]	1	91,000	8,000	8.8	5,000	5.5	78,000	85.7
	2	245,000	23,000	9.4	20,000	8.2	202,000	82.4
	3	85,000	11,000	12.9	5,500	6.5	68,500	80.6
	4	96,000	14,000	14.6	11,000	11.5	71,000	74.0
	5	82,000	11,000	13.4	7,500	9.1	63,500	77.4
	6	81,000	18,000	22.2	11,000	13.6	52,000	64.2
State		680,000	85,000	12.5	60,000	8.8	535,000	78.7

SORGHUM TILLAGE PRACTICES: BY DISTRICT, TENNESSEE, 1987-88

Year	District	Total Acres Planted	No-Till		Other Conservation Till		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
1987[1]	1	31,000	700	2.3	5,000	16.1	25,300	81.6
	2	34,000	2,000	5.9	6,000	17.6	26,000	76.5
	3	5,000	500	10.0	1,500	30.0	3,000	60.0
	4	10,000	1,000	10.0	2,500	25.0	6,500	65.0
	5	6,000	500	8.3	1,400	23.3	4,100	68.3
	6	4,000	300	7.5	600	15.0	3,100	77.5
State		90,000	5,000	5.6	17,000	18.9	68,000	75.6
1988[2]	1	18,500	500	2.7	1,500	8.1	16,500	89.2
	2	16,300	1,500	9.2	1,600	9.8	13,200	81.0
	3	1,900	200	10.5	500	26.3	1,200	63.2
	4	3,800	400	10.5	900	23.7	2,500	65.8
	5	2,000	200	10.0	300	15.0	1,500	75.0
	6	2,500	200	8.0	200	8.0	2,100	84.0
State		45,000	3,000	6.7	5,000	11.1	37,000	82.2

[1]Revised
[2]Preliminary

PRICES PAID BY FARMERS FOR SELECTED FEEDS: TENNESSEE, BY MONTHS, 1982-88[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars Per Cwt.						
						BRAN						
1982	9.80	9.20	9.30	9.30	9.10	9.40	9.20	9.20	9.00	9.00	9.10	9.00
1983	9.00	8.90	9.10	9.20	9.00	9.00	9.10	8.90	9.00	9.50	9.10	9.50
1984	10.50	10.00	10.50	10.50	10.00	9.70	9.80	9.70	9.50	9.60	9.60	9.80
1985	9.50	9.60	9.70	9.80	9.50	9.40	9.30	9.10	8.90	8.40	8.50	8.80
1986	8.80	9.00		9.70			9.40			9.00		
1987	8.80			9.30			8.80			9.10		
1988	9.30			9.40								
						MIDDLINGS						
1982	9.20	9.30	9.50	9.00	8.00	8.90	8.80	8.80	8.70	8.70	8.40	8.80
1983	8.70	8.20	8.80	8.90	8.90	8.60	8.20	8.70	9.00	8.70	9.00	9.50
1984	9.80	10.00	9.90	9.70	9.90	10.00	9.70	9.40	9.60	9.50	9.40	9.50
1985	8.80	9.20	9.30	9.40	8.80	8.90	9.00	8.70	8.30	7.80	7.80	7.80
1986	7.90	8.20		8.40			7.90			7.30		
1987	7.90			7.20			7.70			7.30		
1988	8.30			7.80								
						COTTONSEED MEAL (41% PROTEIN)						
1982	14.00	13.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.00	11.50	12.00
1983	12.00	12.50	12.50	13.00	13.00	13.00	13.00	14.00	15.50	15.50	15.50	15.50
1984	15.50	15.50	14.00	14.50	15.00	14.50	14.00	14.00	13.50	13.00	12.00	11.50
1985	10.50	10.00	10.00	10.00	9.60	9.30	9.30	9.40	8.80	8.90	9.70	10.00
1986	10.00	10.50		12.10			11.80			12.30		
1987	12.90			12.30			13.30			13.40		
1988	14.50			14.40								
						SOYBEAN MEAL (44% PROTEIN)						
1982	14.50	14.50	14.00	14.00	14.50	14.50	14.00	13.50	13.50	13.00	13.00	12.50
1983	13.00	13.50	13.50	14.00	14.50	14.00	13.50	15.00	16.00	16.00	16.00	15.50
1984	15.50	15.00	13.50	14.00	14.50	14.50	14.50	14.00	13.50	12.50	11.50	11.00
1985	10.50	11.00	11.00	11.00	10.50	10.00	10.00	9.90	9.90	9.90	10.00	10.50
1986	11.00	11.00		11.70			11.50			11.60		
1987	11.50			11.30			12.70			12.70		
1988	14.00			13.70								
						Dollars Per Ton						
						HOG FEED (14-18% PROTEIN)						
1982	210	196	198	198	210	200	196	188	198	190	192	188
1983	192	196	198	220	210	220	200	220	240	240	230	220
1984	230	230	230	230	220	220	220	210	200	190	190	186
1985	190	192	194	192	186	192	186	182	178	176	178	184
1986	184	182		197			190			188		
1987	192			184			192			188		
1988	212			205								
						MIXED DAIRY FEED (16% PROTEIN)						
1982	188	179	178	178	178	171	174	173	170	167	166	171
1983	171	172	176	186	188	187	185	195	210	210	205	205
1984	205	205	198	200	200	198	186	188	182	173	168	166
1985	172	168	169	166	162	166	163	157	157	153	160	163
1986	170	164		166			160			152		
1987	155			158			155			158		
1988	172			169								
						LAYING FEED						
1982	186	185	190	191	186	187	181	177	173	174	172	174
1983	176	181	181	210	215	210	196	220	220	215	215	215
1984	215	215	210	215	215	215	205	200	197	185	176	173
1985	175	179	177	176	170	172	171	164	173	168	162	171
1986	183	171		166			170			159		
1987	165			175			186			167		
1988	183			174								

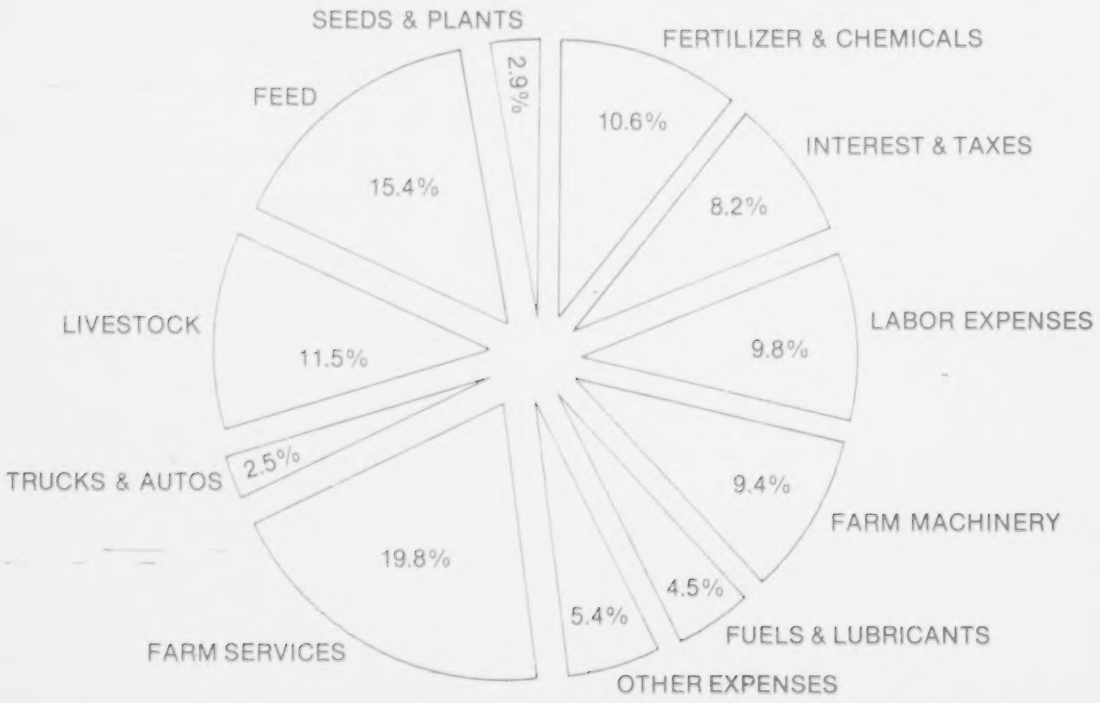
[1]Monthly state estimates discontinued after February 1986. Quarterly estimates for Appalachian Farm Production Region beginning April, 1986.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION: 1984-87

Commodity and Unit	Annual Average Price[1] 1984	1985	1986	1987
EAST SOUTH CENTRAL REGION[2]		Dollars		
FERTILIZER AND PESTICIDE MATERIALS:				
Commercial Fertilizer, per ton				
5-10-15	174.00	162.00	151.00	148.00
5-20-20	183.00	166.00	152.00	157.00
6-12-12	152.00	144.00	138.00	137.00
10-10-10	143.00	142.00	130.00	125.00
Superphosphate, 44-46% P_2O_5, per ton	214.00	190.00	181.00	195.00
Nitrate of Soda, per ton	201.00	216.00	215.00	213.00
Ammonium Nitrate, per ton	195.00	184.00	169.00	155.00
Urea, 44-46% N, per ton	210.00	199.00	161.00	154.00
Muriate of Potash, 60% K_2O, per ton	153.00	135.00	120.00	135.00
Limestone, spread on field, per ton	16.00	15.40	16.40	16.40

[1]Annual average prices are straight rather than weighted averages.
[2]Includes Tennessee, Kentucky, Louisiana, Mississippi and Alabama. Individual State estimates are not published.

FARM PRODUCTION EXPENSES APPALACHIAN REGION, 1987[1]



[1]Appalachian Region includes Tennessee, Kentucky, North Carolina, Virginia and West Virginia.

COTTON PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE

ITEM	1986
	DOLLARS
Cash Receipts:	
Primary Crop	267.11
Secondary Crop	33.16
Total	300.27
Cash Expenses:	
Seed	8.92
Fertilizer	39.74
Lime and Gypsum	0.80
Chemicals	26.85
Custom Operations	15.36
Fuel, Lube, and Electricity	7.77
Repairs	28.42
Hired Labor	6.62
Ginning	27.16
Miscellaneous	0.53
Technical Services	0.66
Total, Variable Expenses	162.83
General Farm Overhead	18.88
Taxes and Insurance	11.48
Interest	28.78
Total, Fixed Expenses	59.15
Total, Cash Expenses	221.98
Receipts Less Cash Expenses	78.29
Capital Replacement	51.15
Receipts Less Cash Expenses and Replacement	27.14
Economic (Full Ownership) Costs:	
Variable Expenses	162.83
General Farm Overhead	18.88
Taxes and Insurance	11.48
Capital Replacement	51.15
Allocated Returns to Owned Inputs:	
Return to Operating Capital	2.39
Return to Other Nonland Capital	8.45
Net Land Rent	48.09
Labor (Paid and Unpaid)	12.84
Total, Economic Costs	316.12
Residual Returns to Management and Risk	-15.85
Harvest-Period Price (Dollars/Lb.)	0.47
Yield (Lbs./Planted Acre)	564.71

All costs and returns are preliminary as of 08/01/87.

Source: "State-Level Costs of Production, 1986," USDA, Economic Research Service, March 1988.

CORN PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE

ITEM	1986
	DOLLARS
Cash Receipts:	
Primary Crop	116.88
Total	116.88
Cash Expenses:	
Seed	16.13
Fertilizer	51.35
Lime and Gypsum	1.29
Chemicals	19.54
Custom Operations	4.47
Fuel, Lube, and Electricity	6.09
Repairs	10.77
Hired Labor	1.68
Drying	3.16
Miscellaneous	0.04
Total, Variable Expenses	114.52
General Farm Overhead	10.63
Taxes and Insurance	8.85
Interest	16.20
Total, Fixed Expenses	35.68
Total, Cash Expenses	150.20
Receipts Less Cash Expenses	-33.32
Capital Replacement	27.46
Receipts Less Cash Expenses and Replacement	-60.78
Economic (Full Ownership) Costs:	
Variable Expenses	114.52
General Farm Overhead	10.63
Taxes and Insurance	8.85
Capital Replacement	27.46
Allocated Returns to Owned Inputs:	
Return to Operating Capital	2.46
Return to Other Nonland Capital	5.07
Net Land Rent	22.14
Labor (Paid and Unpaid)	13.57
Total, Economic Costs	204.70
Residual Returns to Management and Risk	-87.82
Harvest-Period Price (Dollars/Bu.)	1.60
Yield (Bu./Planted Acre)	73.05

All costs and returns are preliminary as of 08/01/87.

Source: "State-Level Costs of Production, 1986," USDA, Economic Research Service, March 1988.

SOYBEANS PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE

ITEM	1986
	DOLLARS
Cash Receipts:	
Primary Crop	118.29
Total	118.29
Cash Expenses:	
Seed	7.36
Fertilizer	12.47
Lime and Gypsum	2.25
Chemicals	19.12
Custom Operations	3.79
Fuel, Lube, and Electricity	4.86
Repairs	7.26
Hired Labor	1.61
Drying	0.38
Miscellaneous	0.08
Total, Variable Expenses	59.18
General Farm Overhead	6.99
Taxes and Insurance	6.84
Interest	10.66
Total, Fixed Expenses	24.49
Total, Cash Expenses	83.68
Receipts Less Cash Expenses	34.61
Capital Replacement	25.72
Receipts Less Cash Expenses and Replacement	8.89
Economic (Full Ownership) Costs:	
Variable Expenses	59.18
General Farm Overhead	6.99
Taxes and Insurance	6.84
Capital Replacement	25.72
Allocated Returns to Owned Inputs:	
Return to Operating Capital	1.72
Return to Other Nonland Capital	3.96
Net Land Rent	27.72
Labor (Paid and Unpaid)	10.79
Total, Economic Costs	142.92
Residual Returns to Management and Risk	-24.63
Harvest-Period Price (Dollars/Bu.)	4.89
Yield (Bu./Planted Acre)	24.19

All costs and returns are preliminary as of 08/01/87.

Source: "State-Level Costs of Production, 1986", USDA Economic Research Service, March 1988.

SOFT RED WINTER WHEAT PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE

ITEM	1986
	DOLLARS
Cash Receipts:	
Primary Crop	62.35
Secondary Crop	6.50
Total	68.85
Cash Expenses:	
Seed	10.79
Fertilizer	32.70
Lime and Gypsum	1.93
Chemicals	3.18
Custom Operations	4.25
Fuel, Lube, and Electricity	4.36
Repairs	6.74
Hired Labor	0.90
Miscellaneous	0.42
Total, Variable Expenses	65.27
General Farm Overhead	4.89
Taxes and Insurance	5.54
Interest	7.45
Total, Fixed Expenses	17.87
Total, Cash Expenses	83.15
Receipts Less Cash Expenses	-14.30
Capital Replacement	16.86
Receipts Less Cash Expenses and Replacement	-31.16
Economic (Full Ownership) Costs:	
Variable Expenses	65.27
General Farm Overhead	4.89
Taxes and Insurance	5.54
Capital Replacement	16.86
Allocated Returns to Owned Inputs:	
Return to Operating Capital	2.25
Return to Other Nonland Capital	2.99
Net Land Rent	16.20
Labor (Paid and Unpaid)	10.37
Total, Economic Costs	124.37
Residual Returns to Management and Risk	-55.52
Harvest-Period Price (Dollars/Bu.)	2.50
Yield (Bu./Planted Acre)	24.94

All costs and returns are preliminary as of 08/01/87.

Source: "State-Level Costs of Production, 1986," USDA, Economic Research Service, March 1988.

MEASURED ROW SPACING OF SOYBEANS: PERCENTAGE DISTRIBUTION AND AVERAGE WIDTH, TENNESSEE, 1978-87[1]

Year	Number of Samples	Row Width Groups (Inches)					Average Width[2] (Inches)
		10.0 & Less[2]	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		Percent of Plots					
1978	88	10.2	4.5	2.3	10.2	72.8	35.5
1979	82	10.4	6.7	8.5	14.0	60.4	33.0
1980	82	16.5	5.5	9.1	12.8	56.1	31.9
1981	79	18.4	10.1	11.4	10.8	49.3	30.0
1982	75	26.0	6.0	14.0	12.7	41.3	28.3
1983	83	21.7	12.7	7.2	27.1	31.3	28.6
1984	85	10.0	6.5	15.9	13.5	54.1	31.8
1985	85	15.3	6.5	8.8	21.8	47.6	31.6
1986	78	12.8	8.3	18.6	18.0	42.3	29.4
1987	84	10.6	10.6	18.3	12.8	47.7	29.5

[1]Based on row measurements in plots selected for objective yield samples.
[2]Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

FERTILIZER USAGE: COTTON AND SOYBEANS, TENNESSEE, 1978-87

Year	Acres Harvested	Fields in Survey	Acres Receiving				Rate Per Acre Receiving[1]			Acres Fertilized[2]		
			Any Fert.	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding Only	After Seeding Only	At or Before & After Seeding
	Thousands	Number	Percent				Pounds			Percent		
						Cotton						
1978	230	97	96.9	96.9	94.8	94.8	73.8	69.4	74.3	83.0	2.1	14.9
1979	230	98	99.0	99.0	99.0	99.0	76.3	74.4	79.2	81.4	1.0	17.6
1980	275	100	100.0	100.0	94.0	94.0	73.3	64.1	74.2	75.0	1.0	24.0
1981[3]	305	—	—	—	—	—	—	—	—	—	—	—
1982	255	99	97.0	97.0	97.0	97.0	67.1	62.3	68.1	77.1	0	22.9
1983	215	99	100.0	100.0	100.0	100.0	91.0	65.0	71.0	58.0	0	42.0
1984	325	97	100.0	100.0	100.0	100.0	82.0	62.0	68.0	67.0	0	33.0
1985	335	100	100.0	99.0	97.0	94.0	78.0	61.0	67.0	82.0	5.0	13.0
1986	335	99	100.0	100.0	100.0	100.0	75.0	65.0	71.0	68.0	0	32.0
1987[3]	—	—	—	—	—	—	—	—	—	—	—	—
						Soybeans						
1978	2,420	87	83.9	56.3	83.9	83.9	16.7	48.2	59.7	100.0	0	0
1979	2,620	82	68.3	43.9	65.9	67.1	13.8	46.0	63.4	98.2	1.8	0
1980	2,550	82	74.4	51.2	73.2	73.2	15.6	45.0	58.0	98.4	1.6	0
1981	2,350	79	69.6	43.0	65.8	69.6	14.0	41.9	59.6	98.2	1.8	0
1982	2,300	75	62.7	33.3	62.7	62.7	14.2	42.7	55.3	95.7	4.3	0
1983	1,970	85	67.0	38.0	65.0	67.0	20.0	48.0	60.0	100.0	0	0
1984	1,850	89	64.0	40.0	61.0	63.0	16.0	43.0	60.0	94.0	4.0	2.0
1985	1,460	87	66.0	33.0	59.0	66.0	19.0	45.0	63.0	100.0	0	0
1986	1,420	81	48.0	22.0	47.0	48.0	18.0	44.0	57.0	100.0	0	0
1987	1,250	96	49.0	20.0	43.0	48.0	20.0	53.0	66.0	100.0	0	0

[1]P_2O_5 is converted to P by multiplying by .43642; K_2O is coverted to K by multiplying by .83016.
[2]Percentages apply to acres receiving fertilizer, not to total acres harvested.
[3]Discontinued.

FERTILIZER CONSUMPTION: TENNESSEE, 1946-87

Year	Mixtures	Direct Application Materials	Total Fertilizer
	Tons	Tons	Tons
1946	223,896	188,271	412,167
1947	275,280	142,842	418,122
1948	343,894	156,380	500,274
1949	353,585	145,463	499,048
1950	340,553	165,785	506,338
1951	389,069	159,236	548,305
1952	443,327	159,533	602,860
1953	417,609	162,302	579,911
1954	395,132	128,962	524,094
1955	409,546	122,265	531,811
1956	410,208	105,931	516,139
1957	423,602	121,511	545,113
1958	410,013	103,472	513,485
1959	476,761	124,440	601,201
1960	490,631	133,408	624,039
1961	470,113	154,744	624,857
1962	487,523	154,829	642,352
1963	496,617	162,957	659,574
1964	531,835	164,979	696,814
1965	542,094	134,988	677,082
1966	615,165	181,368	796,533
1967	615,693	206,101	821,794
1968	610,506	162,409	772,915
1969	623,385	202,016	825,401
1970	534,450	215,997	750,447
1971	516,897	229,075	745,972
1972	508,539	227,596	736,135
1973	505,645	260,846	766,491
1974	524,490	291,560	816,050
1975	420,406	271,230	691,636
1976	440,466	301,734	742,200
1977	497,970	361,097	859,067
1978	449,873	348,101	797,974
1979	435,262	346,292	781,554
1980	410,396	365,273	775,669
1981	431,764	454,371	886,135
1982	304,293	407,155	711,448
1983	278,360	390,177	668,537
1984	321,829	399,226	721,055
1985	313,598	423,635	737,233
1986	231,599	423,250	654,849
1987	**154,787**	**632,551**	**787,338**

SOURCE: Annual Fertilizer Tonnage Report, Tennessee Department of Agriculture, Division of Marketing.

Administration

Commissioner A. C. Clark
Deputy Commissioner Terry J. Oliver

As the central coordinating unit of the Tennessee Department of Agriculture, the Administration Division supervises and aids the work of all the department divisions.

Headed by the Commissioner of Agriculture, the staff of the Administrative Division includes the Deputy Commissioner, three assistant commissioners, and other administrative staff personnel to assure the continuous operation of the department. With offices in the Moss administrative building, the Lou Wallace Library, and the Oscar Farris Agriculture Museum, the Administrative Division is in charge of the budget for the Department, provides legal services, coordinates information services, and handles personnel matters. Considering the scope of the department's programs and responsibilities—a $14 million annual operating budget, approximately 350 employees and a host of legal, promotional, as well as regulatory functions—timely and efficient management in these areas is important.

Fair administration is one of the oldest functions of the department as the responsibility dates to the 1854 founding of the Bureau of Agriculture.

Agricultural fairs are a thriving feature of the state's agricultural picture as the some fifty fairs held annually in Tennessee draw over 2.7 million people and have combined annual receipts of over $7.3 million. More than one-half million dollars was paid in agricultural premiums to many of the 55,323 exhibitors who showed the best of Tennessee's agriculture in 1987.

The Tennessee Department of Agriculture is strongly committed to the development of skills, character, and personal development in Tennessee's youth through its support of the agricultural youth clubs. Among these are Tennessee's 4-H Clubs and the Future Farmers of America, both nationally recognized within their respective organizations for outstanding performance. Through participation in a variety of shows and projects these clubs offer educational opportunities that help shape tomorrow's leaders. Many of the state's current agricultural leaders and achievers are products of F.F.A. chapters and 4-H Clubs.

The Oscar L. Farris Agricultural Museum is maintained and operated by the Tennessee Department of Agriculture in an effort to preserve Tennessee's rich agricultural heritage for this and future generations to understand and enjoy. The museum features over 2,600 farm implements and rural household items from the time the state was settled to when electrical power was first introduced to rural communities of Tennessee.

A special emphasis is given to a "hands on" approach in teaching school children about the importance of agriculture today as well as yesterday. The museum also draws many adult visitors because of its relaxed and enjoyable atmosphere, and admission is free to all.

Directory of the Tennessee Department of Agriculture

Ellington Agricultural Center
Box 40627, Melrose Station
Nashville, Tennessee 37204

Commissioner A.C. Clark
360-0100

Deputy Commissioner Terry J. Oliver
360-0103

Administrative Division—360-0103
Agricultural Resources Division—360-0108
Animal Industries Division—360-0120
Commodity Distribution Division—360-0162
Marketing Division—360-0160
Plant Industries Division—360-0130
Quality and Standards Division—360-0150
Tennessee Agricultural Statistics Service—360-0160
Oscar Farris Agricultural Museum—360-0197
Information—360-0117

Tennessee Agriculture

A Contour of Life and Land

Farming and forestry dominates Tennessee's landscape with farm production occuring on approximately 96,000 farms. About 13 million acres, roughly one half of the State's land area, are in farms. As the topography of the land is varied, so are the major emphasis on agricultural production diversified according to region.

In and around hillsides and mountainous terrain, among the fertile river valleys of East Tennessee are farms rich in the heritage of agricultural production. Farming is a way of life that has developed out of necessity, determination and love of the land. Common to this sometimes rugged but beautiful landscape is dairy, beef cattle and tobacco production. Although many different farming enterprises complete the agricultural profile of this region, prominence in these areas of production are most evident.

Large concentrations of beef cattle, feeder calves and feeder pigs are found alongside dairy farms and row crop operations throughout Middle Tennessee. The rolling hillsides and abundant pasture land make livestock production a practical specialty for this region of the state. Bordered on either side by the same great river, a valley encircled on the north by a geographical rim, Middle Tennessee is far from being an island unto itself. A vast and varied transportation system makes this area accessible from anywhere within the state and Southeast.

Centralized in West Tennessee are most of the state's largest row cropping operations. Characteristics including great expanses of lush flatland and dark, rich loamy soils makes row cropping in this region operationally practical and economically feasible. The five counties with the highest soybean, wheat, corn, cotton and sorghum production have traditionally been located in this area of the state. With an elevation characteristic of the lower delta, and a cosmpolitan river city as its focal point, this region is unique in its own way as are the other two regions of the state.

TENNESSEE'S NATIONAL RANKING

* 20th in winter wheat production
* 18th in grain corn production
* 16th in the number of all hogs and pigs
* 15th in soybean production
* 14th in the number of all cattle and calves
* 13th in sorghum grain production
* 11th in inventory of beef cows
* 7th in cotton production
* 4th in the production of fresh tomatoes
* 4th in tobacco production
* 2nd in soybean processing
* 1st in the processing of frozen vegetables

AGRICULTURAL EXPORTS (1987)

* Dairy Products	$ 6,800,000
* Hides and Skins	9,900,000
* Animals and Meat	14,100,000
* Cotton and Linters	58,500,000
* Tobacco (unmanufactured)	69,100,000
* Soybeans and Products	107,400,000
* All Commodities	$286,600,000

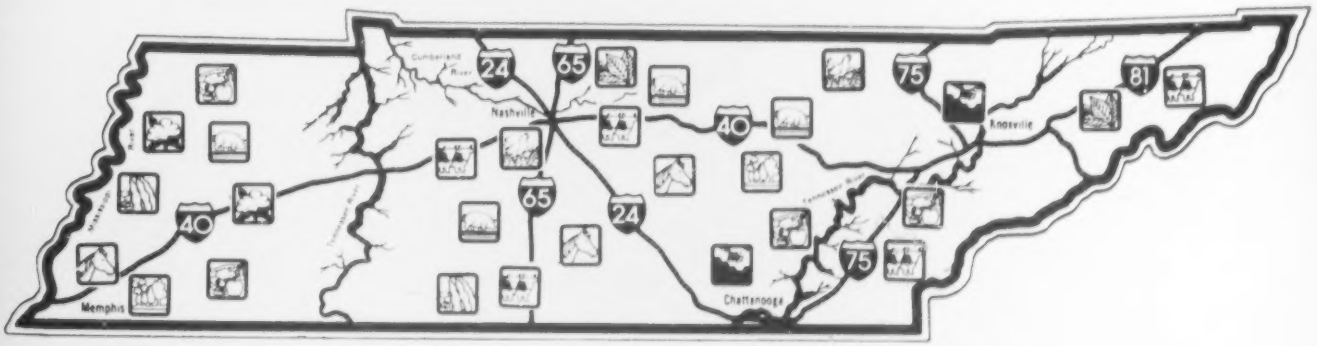
Agribusiness and Economy

Production agriculture, farm-supply and processing distribution activities comprise the complex agribusiness system of modern agriculture. An estimated 20 percent of working Tennesseans are involved directly or indirectly in the state's agribusiness. Tennessee's production agriculture alone accounted for nearly $2 billion in farm cash receipts in 1986. Livestock and livestock sales accounted for 54 percent of this total and crop sales accounted for the remainder. The global economy continues to have a significant effect on farm marketings as Tennessee agricultural exports totaled $286.6 million in 1987.

Tennessee has a viable agribusiness system which is reliant upon a strong farm community and high quality agricultural products, most of which can be produced and supplied right here in the state. From food processing/distribution to agribusiness research, education and technology, Tennessee's agribusiness structure is integrated with an over all state economy recognized for such virtues as strength and stability. A traditional, strong work ethic coupled with a right-to-work labor environment makes Tennessee's growing and varied labor pool attractive to agri-industry.

Centrally located, Tennessee is within 500 miles of 76 percent of this country's major markets. Enhanced by a system complimentary to all areas of the state and southeast including seven intersecting interstate highways, two major airline hubs, 1,775 miles of navigable waterways, and nationwide rail access, Tennessee is multifaced in both transportation and location.

Whether you are looking to "Pick Tennessee Products" or just pick Tennessee as a location for agribusiness or related industry, Tennessee can provide you with the maximum opportunity for success. To find out more about Tennessee agriculture, contact the Tennessee Department of Agriculture, Division of Marketing, Ellington Agricultural Center, P.O. Box 40627, Melrose Station, Nashville, TN 37204. Or call 615-360-0160; TELEX 989455__TNAGEX__NAS__UD. (A summary of progress of the Department of Agriculture is on pages 120-129.)



CATTLE: Provides 22%, $428 million in cash receipts, the state's leading commodity. Tennessee ranks 10th in number of beed cows, 13th in number of milk cows in United States. Dairy products, the state's 2nd ranked income, provides 14% or $274 million to farmers on 2,118 Grade A and 1,577 manufactured milk dairies. Organized graded feeder calf sales are important in Tennessee. Most are sold to out-of-state buyers to feed and raise to slaughter heights. The market cattle reactor rate for brucellosis is approaching .1%.

TOBACCO: Provides 7.8% or $150 million. Tennessee farmers harvested 105 million pounds of all types—burley, dark fired and one sucker. Burley accounts for about 85% of all tobacco exports.

SOYBEANS: Provides 9.6% or $185 million, the state's second leading cash crop. Tennessee farmers harvested 37.5 million bushels on 1.5 million acres with an average of 25 bushels per acre. Overseas exports totaled $120 million. Tennessee is the second largest processor of soybeans in the U.S.

SWINE: Provides 8.8% or $169 million of which $22 million is derived through feeder pig sales. The state leads the U.S. in number of feeder pigs produced through organized graded sales with Tennessee ranking 14th in swine numbers. Since 1972, Tennessee has been recognized as a hog cholera-free state.

COTTON: Provides 6% or $115 million in income for the state. The 335,000 acres of cotton produced 567,000 bales at 396 pounds each. Cotton contributed $21.6 million in export sales.

GREENHOUSE AND NURSERY: Provides 10.7% or $206 million, the state's top cash crop, mostly in bedding plants, shrubs, ornamentals and fruit trees. Over 80% of the fruit tree stock grown in the Southeast originates from Tennessee budding and grafting. Tennessee is the 5th largest producer of nursery stock at a wholesale level in the U.S.

POULTRY AND EGGS: Provides 7.5% of agricultural income or $143 million of which $34 million is in egg sales and $109 million is in broilers and other chickens.

FRUITS AND VEGETABLES: Provides 4.5% or $83 million in Tennessee farmers. Tennessee ranks 4th in the nation in fresh market tomato production. While tomatoes and snapbeans are the largest vegetable crops marketed, considerable amounts of cabbage, sweet potatoes, peppers, squash, lima beans, okra, spinach and southern peas are canned and frozen in the state.

HORSES: There are 200,000 horses of all breeds in Tennessee. The Tennessee walking horse, which originated in this state, provides entertainment during the National Walking Horse Celebration in Shelbyville, Tennessee, the Tennessee walking horse capital of the world. Besides quarter horses, Arabians, hunters and jumpers, the state is a recognized collection point for pack mules and trail rides.

Agricultural Resources

"Tennessee is known for the beauty of its land, its mountains, valleys and plateaus and many Americans have discovered Tennessee. Over the next 15 years, our great state is expected to receive thousands of new residents. The challenge facing us now is to keep our state beautiful, liveable and productive as it has been in the past."

Joe Richardson
Acting Director

Treatment of the above sediment basin in a strip-cropped field was made possible with funds provided through the Agricultural Resources Division of the Tennessee Department of Agriculture.

The role of the Agricultural Resources Division in the Tennessee Department of Agriculture is to promote and assist with the protection and improvement of our soil and water resources. Reduction of soil erosion promotes continued soil productivity which insures an adequate food supply for this generation and the ones to follow. Soil conservation also helps to maintain clean water which is vital to life itself.

The mission of this division is accomplished through cooperative work with many agencies, organizations and individuals on a voluntary basis.

Agricultural Resources personnel assist the Tennessee State Soil Conservation Committee in carrying out its responsibilities under the Soil Conservation District Act of 1939. This includes the election and appointment of soil conservation district supervisors, preparation and updating of necessary water quality plans for agriculture and the planning and implementating of soil and water conservation programs.

Tennessee's 95 soil conservation districts benefit from the assistance of TDA soil conservationists located across the state. Landowners and operators receive valuable advice on conservation planning and application from this cooperative effort.

In an effort to reduce Tennessee's severely eroded cropland, forty soil conservation districts were allocated $700,000 in FY 87. As well, much progress has been made in reducing soil erosion and providing stream management in eight West Tennessee counties.

Governor McWherter designated the Tennessee State Soil Conservation Committee, with the assistance of the Agricultural Resources Division of TDA, as the lead agency in the development of a Clean Water Plan to meet the requirements of the Clean Water Act of 1987. This plan was developed to insure a clean water supply for all Tennesseans while promoting soil stewardship and conservation.

Commodity Distribution Division

"The increased health and productivity of Tennessee school children, fueled by the nutritional benefits of the Commodity Distribution program, in itself justifies the program's existence."

Harold Heiser
Director

The Commodity Distribution Division also enters into processing contracts whereby several of the commodities are converted to quality processed foods. An excellent example is pizza which not only increases the use of flour and cheese, but requires very little preparation costs.

Commodities provided under the Food Assistance Program consisted of butter, cheese, honey, non-fat dry milk, flour, corn meal, and rice. However, cheese, honey and rice have recently been discontinued resulting in a 25% decrease in the commodities offered.

The purchase and distribution by USDA of commodity foods, in addition to improving the nutrition of our citizens, provides assistance to those in need, supports farm market prices and greatly assists in the removal of perishable surplus foods.

In 1987, USDA purchased in excess of $3 million of commodities in Tennessee.

The Commodity Distribution Division is responsible for the requisition and distribution of United States Department of Agriculture (USDA) donated foods allocated to the State of Tennessee.

In School Year 1987/88, approximately $20 million of commodities was distributed to the School Lunch Program, $15 million of commodities to the Food Assistance Program, $2.5 million to charity or state institutions, and $35 thousand to non-profit summer camps.

Foods distributed to Tennessee schools consist of meat/poultry, fruit/vegetables, grain products and dairy products. The types and quantities of commodities ordered is based on past consumption and preference questionnaires completed by school systems. Bonus commodities are also provided through one time purchases of perishable surplus food.

One of several commodity monitors with the Commodity Distribution Division, John Carson (left) and Commissioner A. C. Clark discuss the commodities program at a Middle Tennessee distribution location. In addition to providing assistance to those in need, the Commodity Distribution Division distributed approximately $20 million of commodities to the School Lunch Program during the 1987/88 school year.

Animal Industries Division

"If all of us in Animal Industries do our jobs well, the net result will be a major contribution to the general welfare of Tennesseans and the economic well-being of livestock producers all over the state."

John R. Ragan, D.V.M.
State Veterinarian

The combined animal industries in Tennessee consistently represent the state's largest generator of agricultural commodity revenues. With 70,000 cattle herds and more than 1 million breeding cattle, beef cattle and calves are the largest segment of this animal based industry. They primarily produce feeder calves for export. A substantial and productive swine industry has for years made the state a primary exporter of quality feeder pigs, and includes numerous purebred, feeder finishing, and farrow-to-finish operations. A thriving dairy industry has been a continuing economic asset to Tennessee agriculture and the general economy. A small but significant poultry industry adds greatly to the agricultural bounty of the state. The equine industry of the state constitutes a massive investment and provides major contributions in both profit and pleasure. Increasingly, the positive effects of pet animals on human well being are being recognized.

In every animal species, the ravages of disease are a major threat to good health and profitability. In a livestock industry consisting of numerous small breeding herds, a myriad of problems in marketing information and procedures beg for solution.

The grading and marketing activities of the Division of Animal Industries help to make it possible for small livestock producers to receive competitive prices through offering combined lots of animals of similar weight and grade. In FY 87, 66,624 calves were graded and sold at 72 sales for $22,252,416. There were 557,111 pigs sold for $27,298,439 at 479 graded sales. Livestock market news is gathered daily at the marketplacm, tabulated, and made available to producers, dealers and buyers throughout the state. This activity is carried out in cooperation with the Divisicn of Marketing and the Agricultural Marketing Service, USDA. Fifteen representative auction markets are currently included on a weekly basis.

The Division's C.E. Kord Animal Disease Laboratory is a comprehensive veterinary diagnostic unit which deals with animal disease problems which resist solution by owners and local veterinarians. The laboratory offers competent services in gross and microscopic pathology bacteriology, virology, immunology, and toxicology in supporting the clinical capability of the state's 800 practicing veterinarians. The diagnostic laboratory handles more than 25,000 cases per year.

A small force of uniformed, commissioned enforcement officers adds greatly to the integrity and effectiveness of quarantines, testing programs, and standards for importing and moving livestock.

In the field, Division personnel cooperate with USDA'S Animal and Plant Health Inspection Service, Veterinary Services (APHIS VS) in development and administration of organized programs of control and eradication of major diseases. These include brucellosis, tuberculosis, equine infectious anemia, pseudorabies in swine, pullorum disease in chickens, and many others. Combined inspection forces maintain a continuing alert for signs of foreign animal disease.

Program activities involve the Division in the licensing and regulation of 56 livestock markets and

397 livestock dealers, enforcement of specific statutes such as the Garbage Feeding Law and the Cattle Brand Law, and extension of diseases control by cooperation with accredited practicing veterinarians throughout the state. More than 33,000 health certificates are processed each year in support of active livestock commerce with other states.

Enforcement of quarantines, testing programs, and the standards for importation and moving of livestock is an increasing responsibility. A small force of uniformed, commissioned enforcement officers adds greatly to the integrity and effectiveness of these programs.

Sections for program serology, data processing, and administration combine their efforts with those of the field force to reduce, where possible, the cost of disease to Tennessee livestock producers and pet owners.

One of several staff veterinarians, Dr. Ron Wilson takes a tissue sample and prepares it for further analysis at the Animal Industries Division's C.E. Kord Animal Disease Laboratory.

Marketing

"Promoting Tennessee's agricultural products, both domestically and internationally, has proven productive for both producers and processors. With the in-state focus on the "Pick Tennessee Products" campaign, regional feeder pig promotion efforts, international emphasis on hardwood lumber sales missions and processed foods promotions, all segments of Tennessee's agri-industry benefits from the efforts of the Division of Marketing."

Joe Gaines
Director

Increasing the demand for Tennessee's agricultural products through the development of new markets and the continued cultivation of existing markets is the primary goal of the Marketing Division. Devoted to assisting Tennessee's agricultural producers and processors, services are provided to promote the marketing abilities and opportunities of our farmers. Programs are designed for both domestic and international exportation. Encouraging Tennesseans to buy at home, through the Pick Tennessee Products campaign, is another effort undertaken to promote Tennessee products.

Internationally, a major emphasis is being placed on exporting processed foods, livestock, horses, hardwood lumber, farm machinery, soybeans, cotton, tobacco and small grains. The Marketing Division works in cooperation with the Southern United States Trade Association (a cooperative marketing organization organized by southern state departments of agriculture) in several international trade shows, and foreign sales and trade missions which are held in Europe, South America, and the Far East.

Counseling services are provided for individuals who are new to the exporting field and USDA generated trade leads are furnished to our constituents to expand their marketing base.

Domestically, much emphasis is being placed on the major fruits and vegetables grown in Tennessee, along with honey, sorghum syrup, feeder pigs and eggs. Twenty-six trade shows and exhibitions were

Governor Ned McWherter proclaimed July, 1988 as "Pick Tennessee Products Month" in Tennessee. Looking on while the Governor signs the official document are (standing left to right) state Commissioner of Agriculture A.C. Clark, marketing specialist Lou Pitts, and director of marketing Joe Gaines.

Developing a comprehensive, statewide marketing system to accommodate the fast growing fruit and vegetable industry has been the focus of recent Marketing Division programs. Internationally, a major emphasis is being placed on exporting processed foods, livestock, horses, hardwood lumber, farm machinery, soybeans, cotton, tobacco and small grains.

attended in FY 87-88 by marketing personnel to promote Tennessee commodities. Eleven "point-of-purchase" brochures have been compiled and distributed to promote the use of Tennessee agricultural products. A hay directory and a producer-to-consumer directory for Tennessee fruits and vegetables are among the material being compiled for use in 1988 to encourage Tennesseans to buy fresh, high-quality, locally produced and processed agricultural products.

The Market News Section provides the public with current and future prices of most agricultural commodities. Two toll-free lines, which are answered personally during business hours and by recorder at all other times, answer approximately 8,400 calls per month. The toll free number is 1-800-342-8206.

PICK Tennessee PRODUCTS

What is "Pick Tennessee Products?"

Pick Tennessee Products is a logo developed by the Tennessee Department of Agriculture to help consumers locate high-quality locally produced and processed foods and other agricultural products. This program will help consumers find produce, meat, eggs, and processed goods in their grocery store and in turn will help keep our rural economy healthy.

Who Can Use The "Pick Tennessee Products" Logo?

Any Tennessee producer or food manufacturer who has a high quality product produced in Tennessee is eligible. This includes meat, eggs, dairy, produce growers and producers of other agricultural products as well as local wineries, distilleries, frozen food processors and canneries. Retail grocers or restaurants who use Tennessee products may also use the logo to point out these products in the store or on the menu. All must maintain a high standard of quality.

Why "Pick Tennessee Products?"

Agriculture is Tennessee's number one industry. One of every four jobs in Tennessee is agriculture related. A dollar spent with Tennessee Agriculture turns over seven times to help create more Tennessee jobs. Locally produced products are fresher and tastier; and use of the "Pick Tennessee Products" logo is only available for high quality products.

What Are Some Tennessee Produced Agricultural Products?

Look around you. You use them everyday. Lumber and paper goods from Tennessee's forests. Ethanol from corn to fuel your car, milk, milk products, eggs, poultry, honey, sorghum syrup, livestock, pork, beef, mutton, wool, cotton, tobacco, nursery products, corn, soybeans, wheat and a wide variety of fruits and vegetables are produced across the width of our great state. Speciality crops would add to this list. Then from these products are made hundreds of processed and speciality items; even the food for your pets.

Plant Industries Division Responsibilities Diverse

"Protecting Tennessee's plant producing, Apiary and Pest Control Industries through the strict enforcement of necessary laws and regulations is a major focus for the Division of Plant Industries."

Sylvester Davis
Director

The Plant Industries Division's vast responsibilities are diverse and far reaching. Under the auspices of the director, the prevention, control and eradication of insect pest and/or plant diseases is the primary responsibility of this division. All segments of the state's $200 million plus nursery/greenhouse industry are affected by this division. As well, the pesticide industry is regulated from point of sale to use. Plant Industries plans, directs and coordinates programs related to the enforcement of Apiary, Forest Pest, Bird Control, general pest surveys, Horticultural and Pesticide Laws.

There are three basic sections of this division: Administration, Environmental Control, and Plant Certification. Within the three sections there are several specialized units. The Administrative section is responsible for planning and directing the work of the entire division. This section is also charged with the day-to-day supervision of the Apiary, Bird Control, Forestry, and Survey Units.

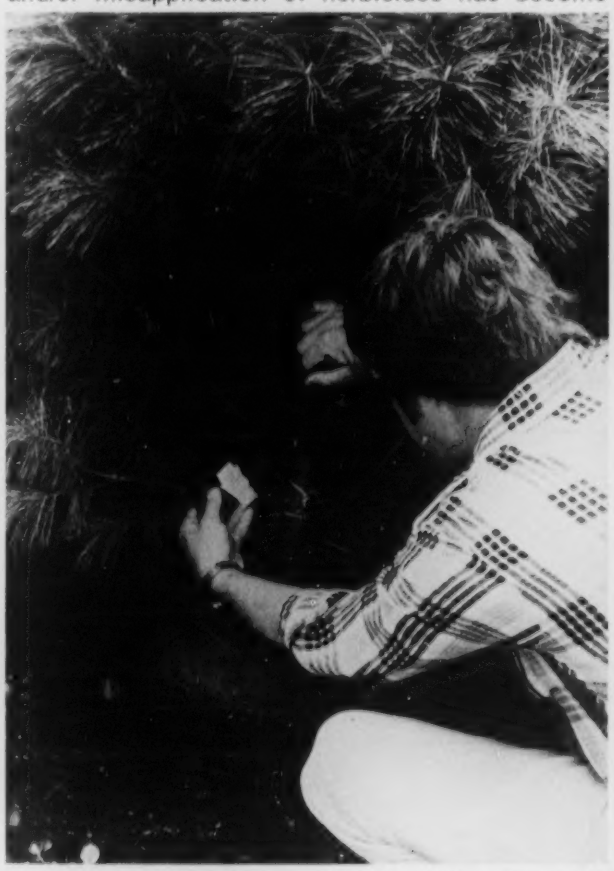
The Apiary Unit is responsible for controlling or eradicating bee diseases and generally promoting the beekeepers industry in Tennessee. This unit is required to make inspections of apiaries, issue health certificates, establish quarantines when necessary, and assist beekeepers in the destruction of disease.

The Bird Control Unit's role is to reduce or control avian wildlife species (i.e. blackbirds, starlings, etc.) which are detrimental to human safety, health, or property when large roost complexes are formed.

The Forestry Unit provides the technical expertise necessary for periodic detection surveys and evaluations of forest, nursery and seed orchard pest conditions throughout the state.

The Survey Unit's primary objective is to provide the public with up-to-date evaluations of pest problems within the state. A weekly Economic Pest Report is compiled and published throughout the Tennessee crop growing season to inform the state's agriculturalists of pest infestations across the state.

The Environmental Control Section enforces the Tennessee Application of Pesticides Act, the Tennessee Insecticide, Fungicide and Rodenticide Acts and pesticide registration. Primary responsibilities for this section are to test, certify and license private and restricted use pesticide applicators across the state and to monitor all pesticides from the producer to the user. This includes use and misuse of these often volatile products. Increased use of pesticides by farmers and gardeners has multiplied the misuse of these chemicals. Chemical drift, overmixing and/or misapplication of herbicides has become



The Plant Industries Division strives to eradicate detrimental pests and plant diseases by inspecting plant stock and monitoring the movement of plants through the state. Above, a division employee inspects nursery stock to be certified before sale, an important part of protecting Tennessee's multimillion dollar nursery and greenhouse industry.

Carl Edmunds, Pesticide Laboratory Supervisor for the Plant Industries Division, prepares a pesticide sample for chemical analysis. The laboratory unit performs chemical testing of formulated pesticide products, and tests soil and tissue matter to determine use and/or misuse of pesticides.

prevalent in Tennessee, but remains manageable with proper education and enforcement. Plant Industries is mandated to register all dealers who sell restricted use pesticides. All commercial pest control operators are tested, registered and licensed. The pesticide lab unit performs chemical testing of formulated pesticide products and tests soil and tissue matter to determine pesticide residues.

The Plant Certification section enforces the Plant Pest Act of 1955 by inspecting and certifying all nursery stock, greenhouse plants, strawberry plants, vegetable plants such as broccoli, cabbage, cauliflower, tomatoes and peppers, produced for sale or movement throughout the state. Phytosanitary permits are issued for special plant movement to other states and foreign countries. Post entry quarantine inspections ae conducted on plants imported from foreign countries. Additionally, periodic surveys are made for the detection of specific insect pests and plant diseases.

This division strives to eradicate detrimental pests and plant diseases by inspecting plant stock and monitoring the movement of plants through the state. Pesticide regulation and certification of those who work with pesticides helps to reduce the misuse of these products. These and other services of this division assures a safer, more profitable industry.

Quality and Standards Division

"Each of the programs administered by the Division in one way or another influences the quality of life of each Tennessee citizen each day of the year. . . . The citizens of Tennessee deserve the best regulating agency possible to oversee the programs for which this Division is responsible."

Jimmy Hopper,
Director

Tennessee has a viable agri-industry system reliant upon high quality agricultural products, most of which can be produced and supplied right here in the state. Chief within this system is the food and dairy processing/distribution system providing an ample supply of products for our well-being as well as for our enjoyment. Insuring a safe and equitable market environment for retailers, producers and consumers alike, the Quality and Standards Division in one way or another influences the quality of life of every citizen.

Tennesseans have many reasons to be proud of their food and dairy industries which includes the largest frozen vegetable processor in the United States, the largest flourmill in the Southeast, the nation's largest producer of canned pimentos and peppers, and manufacturers of snack cakes, cookies and fresh meat products that are distributed nationally.

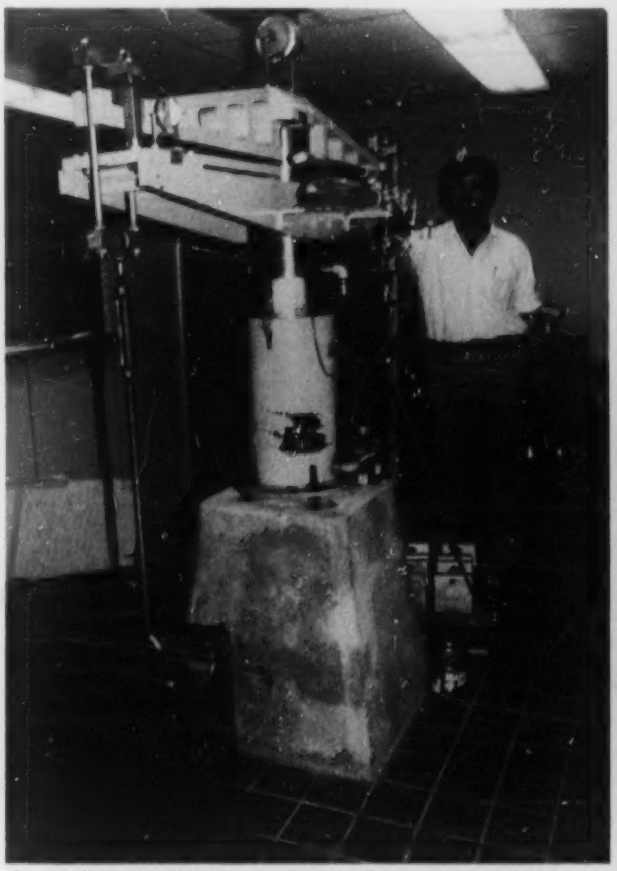
The state's dairy farmers produce over two billion pounds of milk annually, making Tennessee a leader in the southeastern United States. Several of the largest, most modern fluid milk processing plants in the nation are located in the state. A variety of manufacturing plants producing frozen, cultured, dried, and evaporated dairy products are also in Tennessee.

Over 8,000 retail food stores and a growing number of "cottage" industries complete the food and dairy industries' profile in Tennessee.

Some thirty percent of the farmers' production expenses involve purchase of feed, seed or fertilizers. Among the diverse responsibilities of the Quality and Standards Division are those related to insuring quality and content in such products purchased by both homeowners and farmers.

Assistance and regulatory services conducive to a productive and safe market environment for the consumer and the business person are provided by the Quality and Standards Division in many ways. Reviews and inspections of food retailers, processors and storage facilities are made to assure minimum sanitary requirements are maintained. In fiscal year 1988, some 17,000 such establishments were involved in inspections, randum product samplings, and other compliance measures.

Over 13,000 dairy farm inspections were made in fiscal year 1988 to insure the continued supply of safe milk and milk products and to help farmers keep the dairy industry viable.



As the division's Netrologist, Charles Edde is responsible for the accurate calibration of sensitive equipment used in the section's laboratory. All commercial weighing and measuring devices used in Tennessee are monitored for accuracy by the Weights and Measures Section of the Quality and Standards Division, one of many such programs of this division to ensure an equitable market place and safe products in the interests of both consumers and industry.

In recent evaluations of the state's dairy industry by the United States Food and Drug Administration. Tennessee ranked first out of eight southeastern states in Sanitation compliance by processing plants. Tennessee also ranks first in the category of Enforcement and Records and second in Dairy Farm Sanitation Compliance.

The laboratory of the division offers special

assistance to industry by training personnel, conducting bacteriological and chemical analyses on such products as meats, fertilizers, feeds and limestone to insure the consumer purchases a properly labeled product of acceptable quality. Likewise results are exchanged with industry for the purpose of uniformity. Approximately 12,000 product analyses including testing for aflatoxins and pesticide residue are performed annually.

With respect to product safety enforcement, the division is committed to industry and the consuming public in seeing that potentially hazardous household consumer products do not enter the marketplace. This is accomplished through a cooperative agreement between the Division of Quality and Standards and the U.S. Consumer Product Safety Commission.

All commercial weighing and measuring devices used in Tennessee are monitored for accuracy by the Weights and Measures Section. All commodities sold by weight, measure or count are subject to inspection to determine label accuracy and accurate content. Commercial scales and liquid dispensing devices are subject to inspection to ensure that they are weighing or dispensing correct quantities and computing accurate prices when applicable. Additional field and laboratory equipment has broadened the scope for this section in the regulation of more sophisticated weighing and measuring devices in the marketplace and ensuring accuracy. This section has recently placed in service a 1000 gallon fuel prover to assure accuracy of petroleum meters at fuel terminals and an additional 100 gallon LPG prover has been obtained to monitor the accuracy of LPG meters.

The Grain Moisture Meter Inspection Program, Grain Warehouse Storage Program, Tobacco Marketing Program and Ethanol Methanol Program are examples of this section's work in promoting fairness and honesty in the marketplace.

The Seed Section, with the addition of a new seed analysis laboratory and more advanced equipment, has increased its ability to monitor this far reaching industry. Seed samples are analyzed to determine purity, quality and germination rate. 4055 samples were analyzed in FY 86-87 with a compliance rate of 91%.

Numerous laws relating to the feed and fertilizer industry are administered by the Feed and Fertilizer Section. These laws and pursuant regulations require truth in labeling of these agricultural products. Registration feeds and tonnage taxes on these products are also mandated by these laws in order to help defray the costs of these programs. In FY 86-87, 1554 samples of fertilizer and 1852 samples of feed were obtained for analysis by inspectors of this division.

Enforcing laws and regulations which protect consumers and merchants by ensuring fair and equitable marketing practices statewide is the major focus of the Quality and Standards Division.

FY 1986-87 STATISTICS

INSPECTIONS

	Number
1. Retail food store and food plants	17,000
2. Grade A farm inspections	10,500
3. Manufactured milk farm inspections	2,200
4. Grade A plant inspections	184
5. Manufactured milk plant inspections	105
6. Equipment tests	250
7. Consumer Product Safety	125
TOTAL	30,364

RETAIL EGG INSPECTIONS

Number of eggs candled	279,744
Number of Dozens Stop Sell	11,822

SAMPLES

Type of Products	Analyzed	Determinations	Non-Compliance
1. Dairy Products (Raw & finished)	4,265	8,755	1,079
2. Frozen Desserts	314	157	9
3. Feeds & Grains	2,105	5,220	226
4. Fertilizers	1,600	4,212	226
5. Limestone	218	649	75
6. Food Products	2,754	12,745	275
TOTALS	11,256	31,738	2,134

Tennessee Department of Agriculture. Authorization No. 325089, 3,500 copies, September, 1988. This public document was promulgated at a cost of $4.88 per copy.

REPORT ORDER FORM

NAME _____

COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

REPORT	ANNUAL SUBSCRIPTION FEE	TN-47 CHECK HERE X
TENNESSEE WEATHER AND CROPS Issued each Monday, April through November. Summarizes weather conditions as they effect crops, livestock and pastures, crop planting, development and harvesting progress, weather data.	$12.00	☐ 130
TENNESSEE FARM FACTS Issued monthly. Consolidation of current agricultural related data, including: Crop Acreage and Production. (monthly in season) Grain stocks. (quarterly) Prices Received and Paid by Farmers. (monthly) Hogs—Inventory, pig crop, and value. (annually) Cattle—Inventory and value. (annually) Chickens and Egg production. (quarterly) Milk Production. (monthly) Livestock Slaughter. (monthly) Cash Receipts. (semi-annually) Farm Labor. (annually)	$10.00	☐ 955
TENNESSEE AGRICULTURAL STATISTICS Annual summary bulletin issued in August. State and county statistics for most recent years and related information.	NO CHARGE	☐ 910

ALL REPORTS ARE FREE TO THOSE WHO PROVE DATA USED FOR SUMMARIZATION

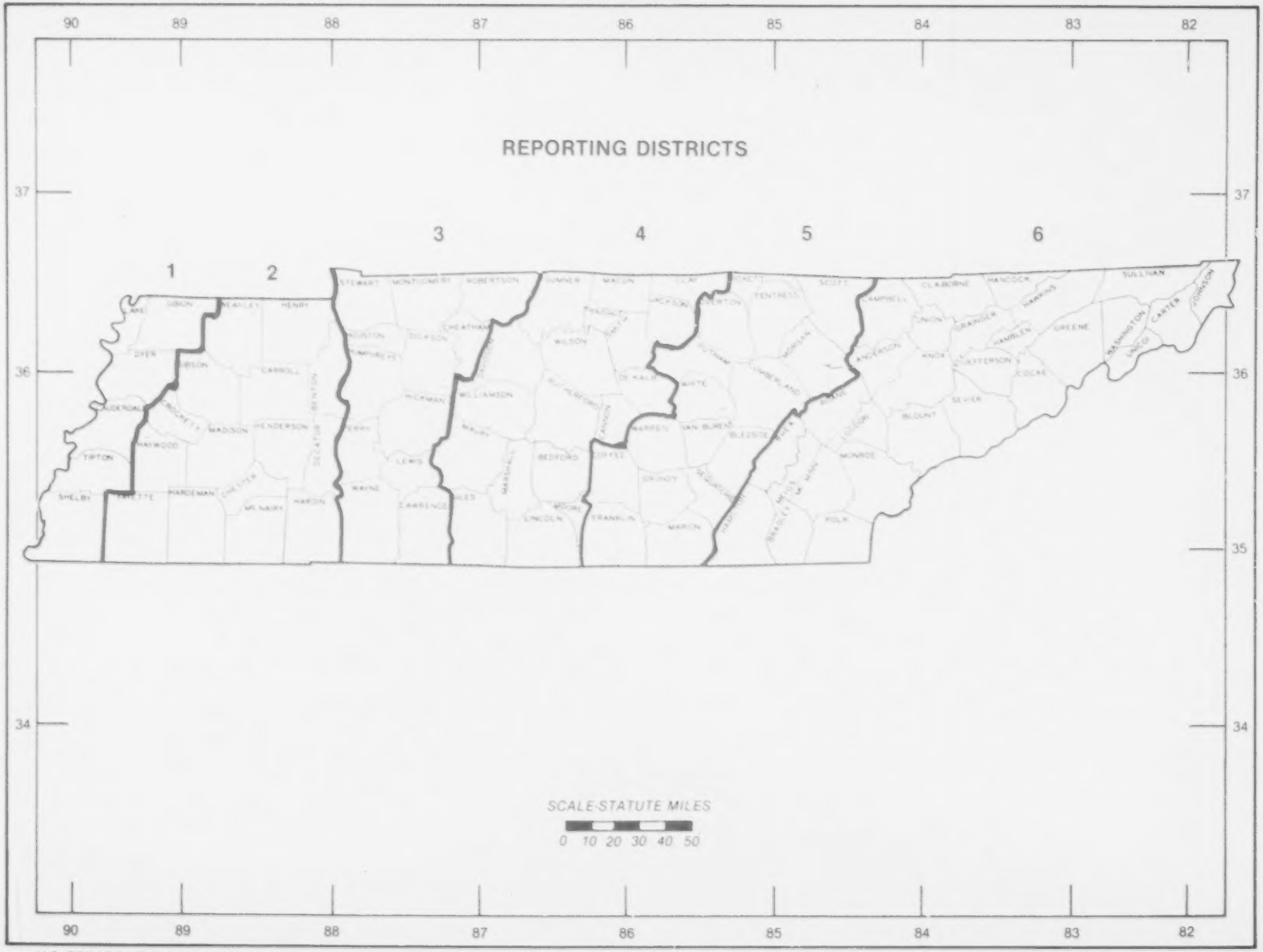
TO SUBSCRIBE, CHECK THE REPORTS ABOVE AND ENCLOSE THIS FORM WITH CHECK OR MONEY ORDER PAYABLE TO USDA—NASS

MAIL TO: Agricultural Statistics Board Publications
Room 5829—South Building
U.S. Department of Agriculture
Washington, D.C. 20250

If you are an agricultural producer or are requesting **only** the "Tennessee Agricultural Statistics" bulletin, return this form to:

State Statistician
P.O. Box 41505
Nashville, TN 37204

TENNESSEE



U.S. DEPARTMENT OF AGRICULTURE

TENNESSEE AGRICULTURAL STATISTICS SERVICE

TENNESSEE DEPARTMENT OF AGRICULTURE
Ellington Agriculture Center
Box 40627, Melrose Station
Nashville, Tennessee 37204